

PRODUCT CATALOGUE

Achiral and chiral building blocks, drug substance intermediates and fine chemical supply at bulk scale

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Date: 24 March 2020



QUALITY

I.S. EN ISO 9001:2015

NSAI Certified



ENVIRONMENT

I.S. EN ISO 14001:2015

NSAI Certified

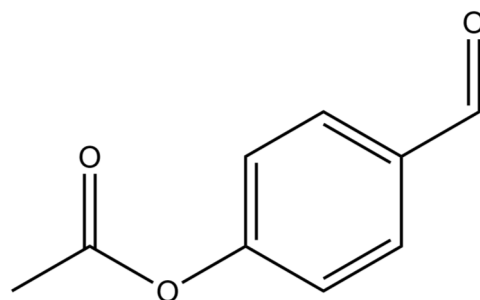
4-Acetoxybenzaldehyde



CAS number: 878-00-2
Arran reference: ABA
Molecular formula: C₉H₈O₃
Molecular weight: 164.16
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/ABA/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (GC)	98.0 – 102.0% w/w



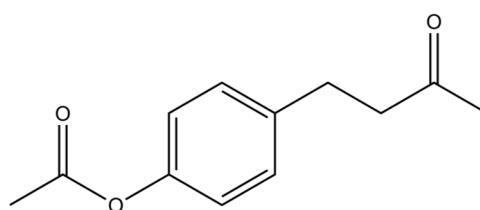
4-(4-Acetoxyphenyl)-2-butanone



CAS number: 3572-06-3
Arran reference: APB
Molecular formula: C₁₂H₁₄O₃
Molecular weight: 206.24
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/APB/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (GC)	98.0 – 101.0% w/w



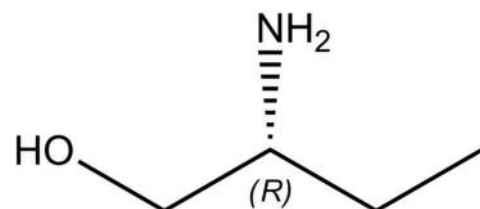
(R)-(-)-2-Amino-1-butanol



CAS number: 5856-63-3
Arran reference: RAB
Molecular formula: C₄H₁₁NO
Molecular weight: 89.14
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RAB/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (GC)	Not less than 99.0%



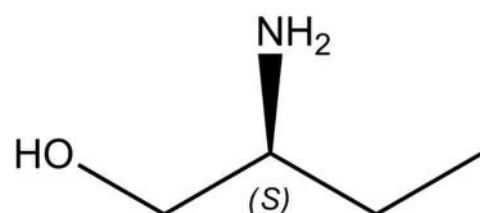
(S)-(+)-2-Amino-1-butanol



CAS number: 5856-62-2
Arran reference: SAB
Molecular formula: C₄H₁₁NO
Molecular weight: 89.14
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SAB/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (GC)	Not less than 99.0%



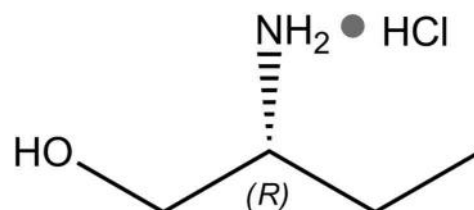
(R)-2-Amino-1-butanol hydrochloride



CAS number: 40916-56-1
Arran reference: RAB.HCl
Molecular formula: C₄H₁₁NO.ClH
Molecular weight: 125.60
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RAB-HCl/>

Test	Specification
Purity (GC)	Not less than 99.0% (free base)
Enantiomeric excess (GC)	Not less than 99.0%



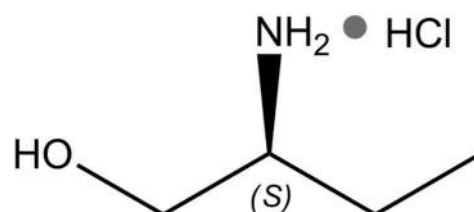
(S)-2-Amino-1-butanol hydrochloride



CAS number: 28895-09-2
Arran reference: SAB.HCl
Molecular formula: C₄H₁₁NO.ClH
Molecular weight: 125.60
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SAB-HCl/>

Test	Specification
Purity (GC)	Not less than 99.0% (free base)
Enantiomeric excess (GC)	Not less than 99.0%



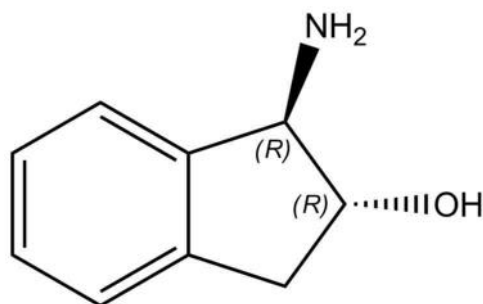
(1R,2R)-(-)-trans-1-Amino-2-indanol



CAS number: 163061-73-2
Arran reference: RRTAM
Molecular formula: C₉H₁₁NO
Molecular weight: 149.19
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RRTAM/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (GC)	Not less than 98.0%



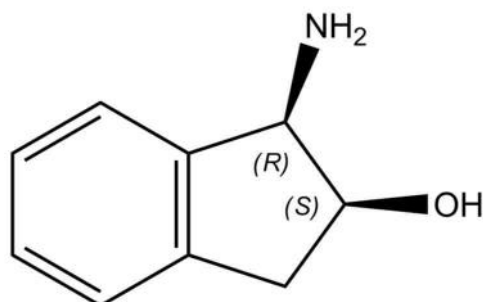
(1R,2S)-(+)-cis-1-Amino-2-indanol



CAS number: 136030-00-7
Arran reference: RSCAM
Molecular formula: C₉H₁₁NO
Molecular weight: 149.19
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RSCAM/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Purity (GC)	Not less than 98.0%



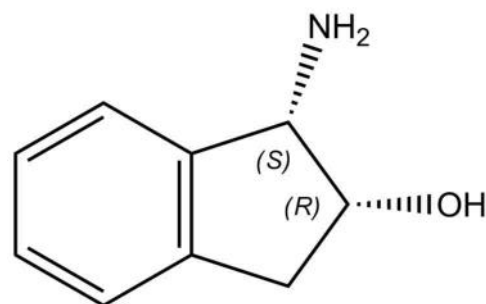
(1S,2R)-(-)-cis-1-Amino-2-indanol



CAS number: 126456-43-7
Arran reference: SRCAM
Molecular formula: C₉H₁₁NO
Molecular weight: 149.19
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SRCAM/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Purity (GC)	Not less than 98.0%



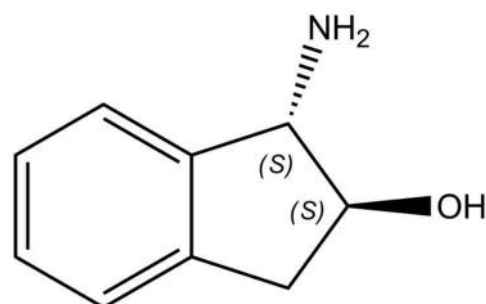
(1S,2S)-(+)-trans-1-Amino-2-indanol



CAS number: 163061-74-3
Arran reference: SSTAM
Molecular formula: C₉H₁₁NO
Molecular weight: 149.19
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SSTAM/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Purity (GC)	Not less than 98.0%



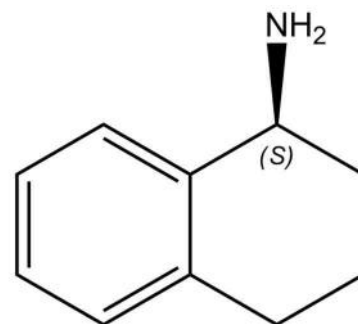
(S)-1-Aminotetralin



CAS number: 23357-52-0
Arran reference: SAMT
Molecular formula: C₁₀H₁₃N
Molecular weight: 147.22
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SAMT/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess	Not less than 99.0%



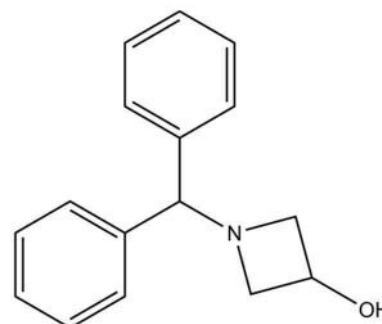
1-Benzhydryl-3-azetidinol



CAS number: 18621-17-5
Arran reference: BHAZ
Molecular formula: C₁₆H₁₇NO
Molecular weight: 239.31
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/BHAZ/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	98.0 – 102.0% w/w



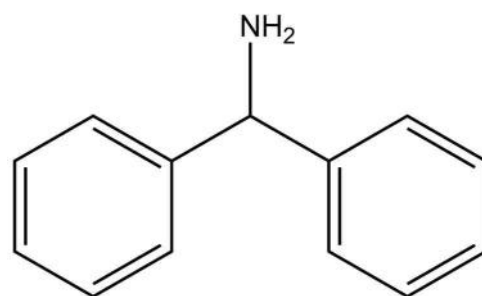
Benzhydramine



CAS number: 91-00-9
Arran reference: BHA
Molecular formula: C₁₃H₁₃N
Molecular weight: 183.25
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/BHA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Assay (titration)	98.0 – 101.0% w/w



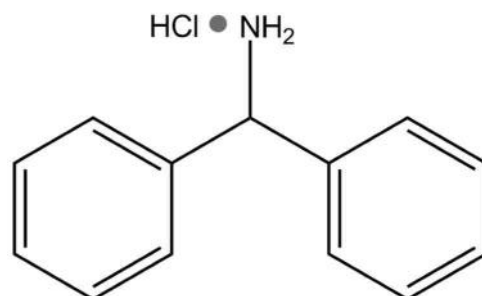
Benzhydramine hydrochloride



CAS number: 5267-34-5
Arran reference: BHA.HCl
Molecular formula: C₁₃H₁₃N.ClH
Molecular weight: 219.71
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/BHA-HCl/>

Test	Specification
Purity (GC)	Not less than 99.0%
Loss on drying	Not more than 1.0%



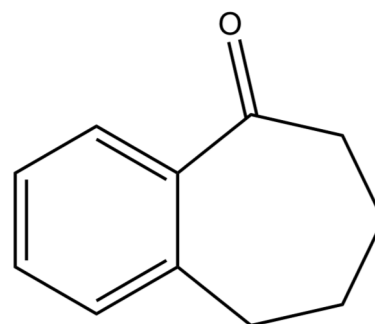
1-Benzosuberone



CAS number: 826-73-3
Arran reference: 1BS
Molecular formula: C₁₁H₁₂O
Molecular weight: 160.21
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/1BS/>

Test	Specification
Purity (GC)	Not less than 98.0%
Identity (IR)	Conforms to standard



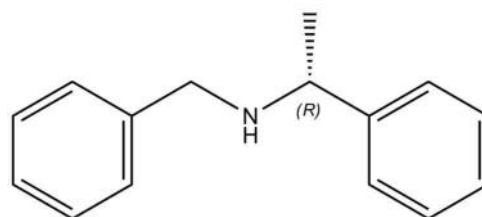
(R)-(+)-N-Benzyl-1-phenylethylamine



CAS number: 38235-77-7
Arran reference: RBNPEA
Molecular formula: C₁₅H₁₇N
Molecular weight: 211.30
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RBNPEA/>

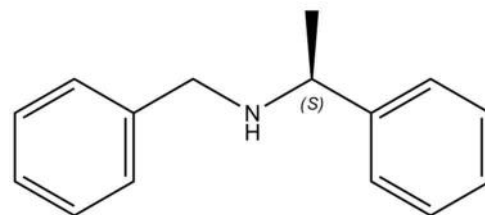
Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess	Not less than 98.0%



(S)-(-)-N-Benzyl-1-phenylethylamine



CAS number: 17480-69-2
Arran reference: SBNPEA
Molecular formula: C₁₅H₁₇N
Molecular weight: 211.30
Product family: Chiral
Availability: Typically in stock



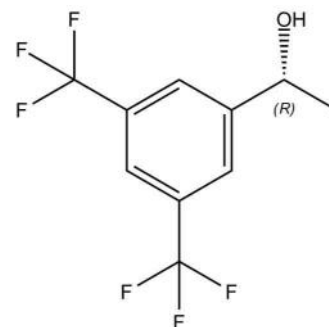
<https://arranchemical.ie/chiral/SBNPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess	Not less than 98.0%

(1R)-1-[3,5-Bis(trifluoromethyl)phenyl]ethanol



CAS number: 127852-28-2
Arran reference: RBTFMPE
Molecular formula: C₁₀H₈F₆O
Molecular weight: 258.16
Product family: Chiral
Availability: Synthesis on demand



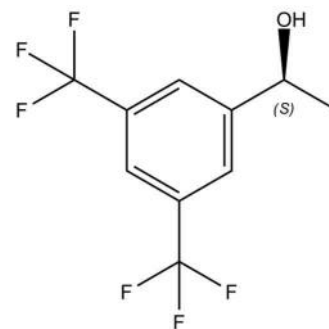
<https://arranchemical.ie/chiral/RBTFMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(1S)-1-[3,5-Bis(trifluoromethyl)phenyl]ethanol



CAS number: 225920-05-8
Arran reference: SBTFMPE
Molecular formula: C₁₀H₈F₆O
Molecular weight: 258.16
Product family: Chiral
Availability: Synthesis on demand



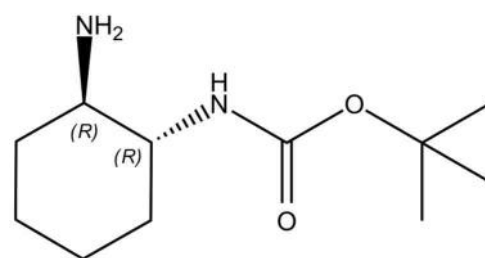
<https://arranchemical.ie/chiral/SBTFMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(1R,2R)-trans-N-Boc-1,2-diaminocyclohexane



CAS number: 146504-07-6
Arran reference: RTBOCDAC
Molecular formula: C₁₁H₂₂N₂O₂
Molecular weight: 214.30
Product family: Chiral
Availability: Typically in stock



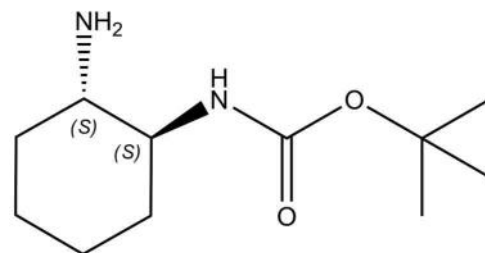
<https://arranchemical.ie/chiral/RTBOCDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S,2S)-trans-N-Boc-1,2-diaminocyclohexane



CAS number: 180683-64-1
Arran reference: STBOCDAC
Molecular formula: C₁₁H₂₂N₂O₂
Molecular weight: 214.30
Product family: Chiral
Availability: Typically in stock



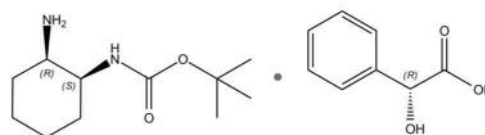
<https://arranchemical.ie/chiral/STBOCDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S,2R)-1-(N-Boc-amino)-2-aminocyclohexane (R)-mandelate



CAS number: 1391731-16-0
Arran reference: SCBDAC.RMAN
Molecular formula: C₁₁H₂₂N₂O₂.C₈H₈O₃
Molecular weight: 366.45
Product family: Chiral
Availability: Typically in stock



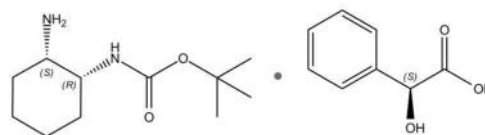
<https://arranchemical.ie/chiral/SCBDAC-RMAN/>

Test	Specification
Purity (GC)	Not less than 99.0% (free base)
Enantiomeric excess (GC)	Not less than 99.0%

(1R,2S)-1-(N-Boc-amino)-2-aminocyclohexane (S)-mandelate



CAS number: 1192153-41-5
Arran reference: RCBDAC.SMAM
Molecular formula: C₁₁H₂₂N₂O₂.C₈H₈O₃
Molecular weight: 366.45
Product family: Chiral
Availability: Typically in stock



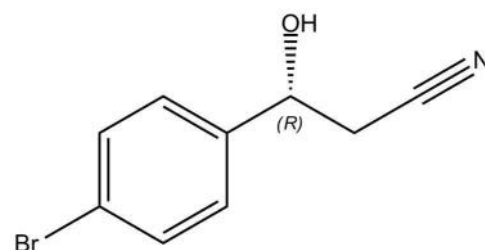
<https://arranchemical.ie/chiral/RCBDAC-SMAN/>

Test	Specification
Purity (GC)	Not less than 99.0% (free base)
Enantiomeric excess (GC)	Not less than 99.0%

(R)-3-(4'-Bromophenyl)-3-hydroxypropanenitrile



CAS number: 877876-61-4
Arran reference: RBPHPN
Molecular formula: C₉H₈BrNO
Molecular weight: 226.07
Product family: Chiral
Availability: Synthesis on demand



<https://arranchemical.ie/chiral/RBPHPN/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

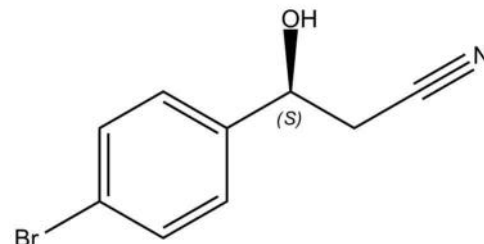
(S)-3-(4'-Bromophenyl)-3-hydroxypropanenitrile



CAS number: 877876-70-5
Arran reference: SBPHPN
Molecular formula: C₉H₈BrNO
Molecular weight: 226.07
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SBPHPN/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



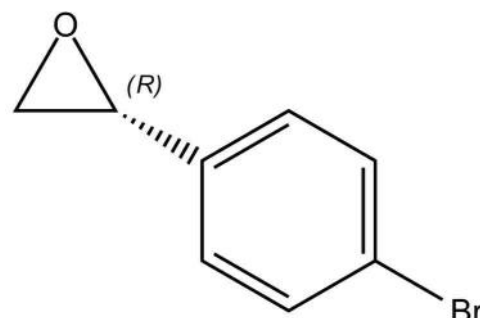
(2R)-(-)-2-(4-Bromophenyl)oxirane



CAS number: 62566-68-1
Arran reference: RBPO
Molecular formula: C₈H₇BrO
Molecular weight: 199.04
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RBPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



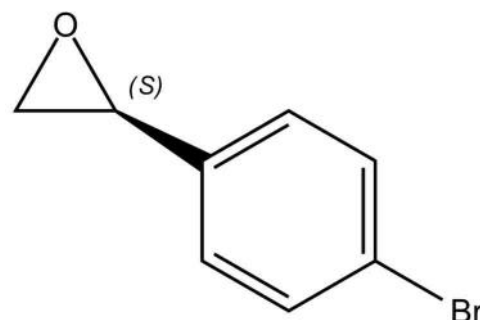
(2S)-(+)-2-(4-Bromophenyl)oxirane



CAS number: 148684-05-3
Arran reference: SBPO
Molecular formula: C₈H₇BrO
Molecular weight: 199.04
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SBPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



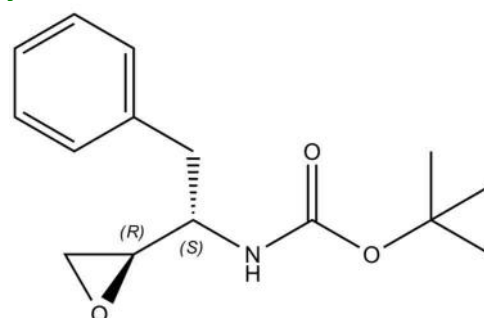
(2R,3S)-(+)-3-tert-Butoxycarbonylamino-1,2-epoxy-4-phenylbutane



CAS number: 98760-08-8
Arran reference: RSBAEPB
Molecular formula: C₁₅H₂₁NO₃
Molecular weight: 263.33
Product family: Chiral
Availability: Synthesis on demand

[https://arranchemical.ie/chinal/RSBAEPB/](https://arranchemical.ie/chiral/RSBAEPB/)

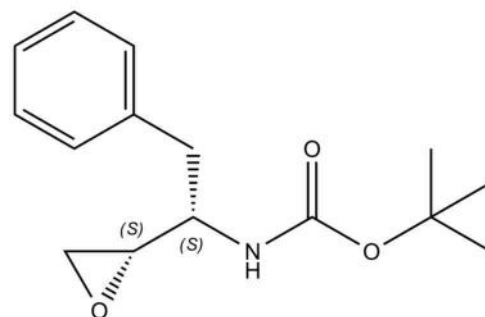
Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



(2S,3S)-(-)-3-tert-Butoxycarbonylamino-1,2-epoxy-4-phenylbutane



CAS number: 98737-29-2
Arran reference: SSBAEPB
Molecular formula: C₁₅H₂₁NO₃
Molecular weight: 263.33
Product family: Chiral
Availability: Synthesis on demand



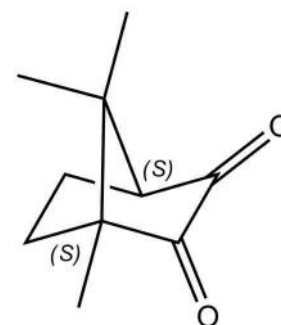
<https://arranchemical.ie/chiral/SSBAEPB/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(1S)-(+)-Camphorquinone



CAS number: 2767-84-2
Arran reference: SCQO
Molecular formula: C₁₀H₁₄O₂
Molecular weight: 166.22
Product family: Chiral
Availability: Typically in stock



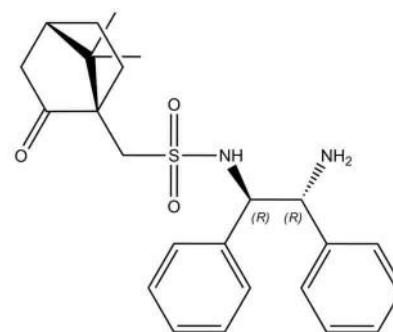
<https://arranchemical.ie/chiral/SCQO/>

Test	Specification
Purity (GC)	Not less than 98.0%
Specific rotation (c = 2, toluene)	[α] ₂₀ D = +100 ± 2°

(1R',1R,2R)-(-)-N-(Camphorsulphonyl)-1,2-diphenylethylenediamine



CAS number: 676270-67-0
Arran reference: RCSDPEN
Molecular formula: C₂₄H₃₀N₂O₃S
Molecular weight: 426.57
Product family: Chiral
Availability: Typically in stock



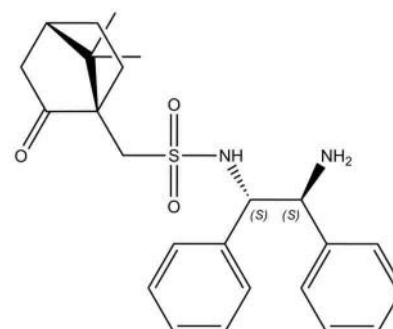
<https://arranchemical.ie/chiral/RCSDPEN/>

Test	Specification
Loss on drying	Not more than 1.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S',1S,2S)-(+)-N-(Camphorsulphonyl)-1,2-diphenylethylenediamine



CAS number: 676270-65-8
Arran reference: SCSDPEN
Molecular formula: C₂₄H₃₀N₂O₃S
Molecular weight: 426.57
Product family: Chiral
Availability: Typically in stock



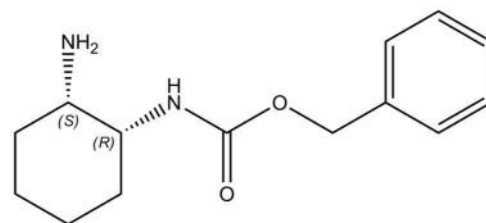
<https://arranchemical.ie/chiral/SCSDPEN/>

Test	Specification
Loss on drying	Not more than 1.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1R,2S)-1-(N-Cbz-amino)-2-aminocyclohexane



CAS number: 1067631-22-4
Arran reference: RCCBZDAC
Molecular formula: C₁₄H₂₀N₂O₂
Molecular weight: 248.32
Product family: Chiral
Availability: Typically in stock



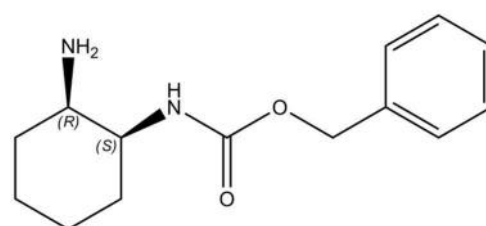
<https://arranchemical.ie/chiral/RCCBZDAC/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S,2R)-1-(N-Cbz-amino)-2-aminocyclohexane



CAS number: 1067631-21-3
Arran reference: SCCBZDAC
Molecular formula: C₁₄H₂₀N₂O₂
Molecular weight: 248.32
Product family: Chiral
Availability: Typically in stock



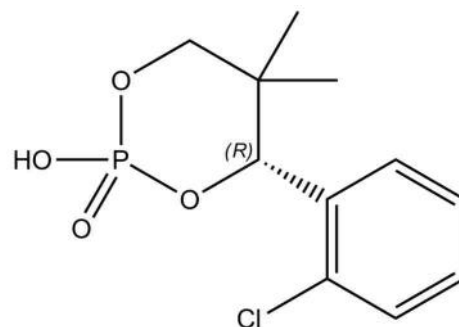
<https://arranchemical.ie/chiral/SCCBZDAC/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(R)-Chlocyphos



CAS number: 98674-87-4
Arran reference: RCCP
Molecular formula: C₁₁H₁₄ClO₄P
Molecular weight: 276.65
Product family: Chiral
Availability: Typically in stock



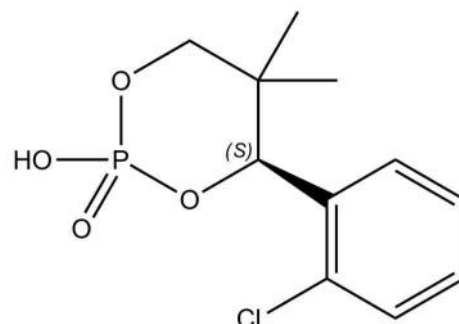
<https://arranchemical.ie/chiral/RCCP/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 98.0%

(S)-Chlocyphos



CAS number: 98674-86-3
Arran reference: SCCP
Molecular formula: C₁₁H₁₄ClO₄P
Molecular weight: 276.65
Product family: Chiral
Availability: Typically in stock



<https://arranchemical.ie/chiral/SCCP/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 98.0%

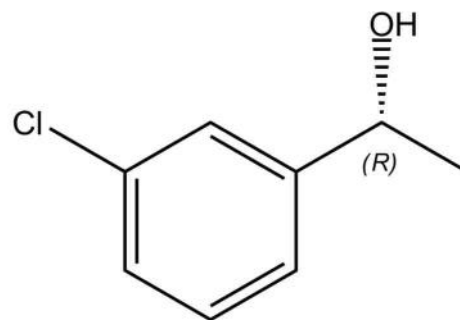
(1R)-1-(3-Chlorophenyl)ethan-1-ol



CAS number: 120121-01-9
Arran reference: R1CPE
Molecular formula: C₈H₉ClO
Molecular weight: 156.61
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/R1CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



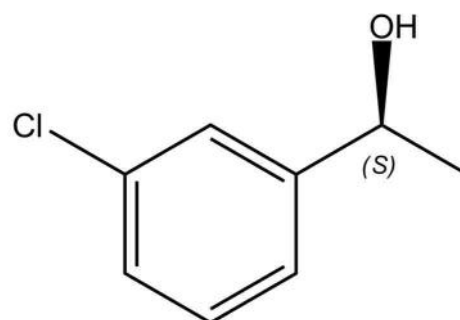
(1S)-1-(3-Chlorophenyl)ethan-1-ol



CAS number: 135145-34-5
Arran reference: S1CPE
Molecular formula: C₈H₉ClO
Molecular weight: 156.61
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/S1CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



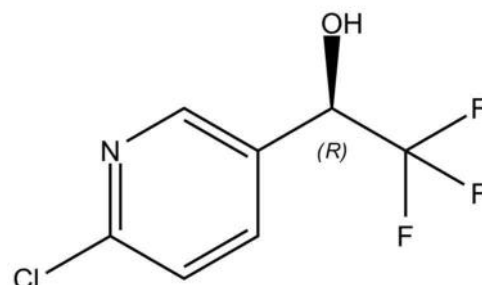
(1R)-1-(6-Chloropyridin-3-yl)-2,2,2-trifluoroethan-1-ol



CAS number: 1412260-92-4
Arran reference: RCPFE
Molecular formula: C₇H₅ClF₃N
Molecular weight: 211.57
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RCPFE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



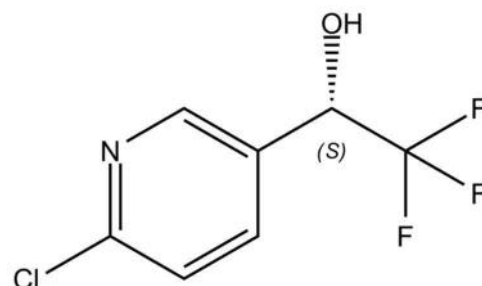
(1S)-1-(6-Chloropyridin-3-yl)-2,2,2-trifluoroethan-1-ol



CAS number: 1412254-62-6
Arran reference: SCPFE
Molecular formula: C₇H₅ClF₃N
Molecular weight: 211.57
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SCPFE/>

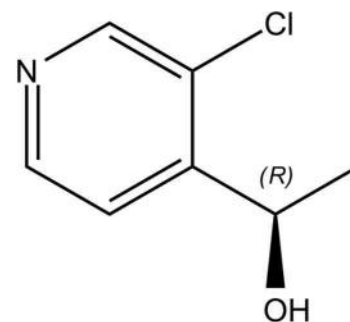
Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



(R)-1-(3-Chloropyridin-4-yl)ethanol



CAS number: 1372452-57-7
Arran reference: RCPE
Molecular formula: C₇H₈ClNO
Molecular weight: 157.60
Product family: Chiral
Availability: Synthesis on demand



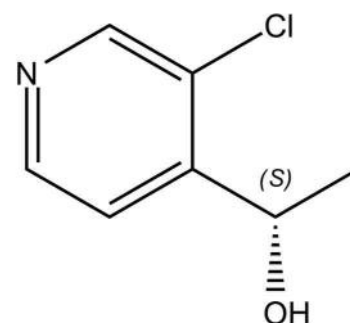
<https://arranchemical.ie/chiral/RCPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-1-(3-Chloropyridin-4-yl)ethanol



CAS number: 1016227-99-8
Arran reference: SCPE
Molecular formula: C₇H₈ClNO
Molecular weight: 157.60
Product family: Chiral
Availability: Synthesis on demand



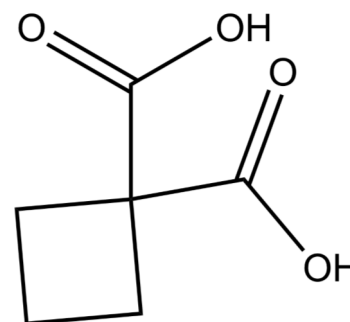
<https://arranchemical.ie/chiral/SCPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

1,1-Cyclobutanedicarboxylic acid



CAS number: 5445-51-2
Arran reference: CBDCA
Molecular formula: C₆H₈O₄
Molecular weight: 144.13
Product family: Achiral
Availability: Typically in stock



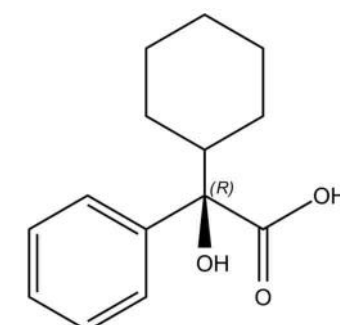
<https://arranchemical.ie/achiral/CBDCA/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Assay (titration)	98.0 – 102.0% w/w

(R)-Cyclohexyl mandelic acid



CAS number: 20585-39-1
Arran reference: RCHMA
Molecular formula: C₁₄H₁₈O₃
Molecular weight: 234.29
Product family: Chiral
Availability: Typically in stock



<https://arranchemical.ie/chiral/RCHMA/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

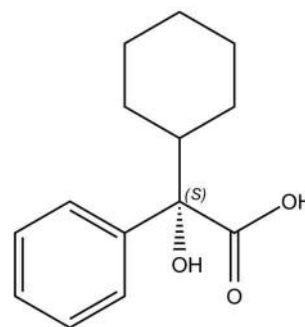
(S)-Cyclohexyl mandelic acid



CAS number: 20585-34-6
Arran reference: SCHMA
Molecular formula: C₁₄H₁₈O₃
Molecular weight: 234.29
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SCHMA/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



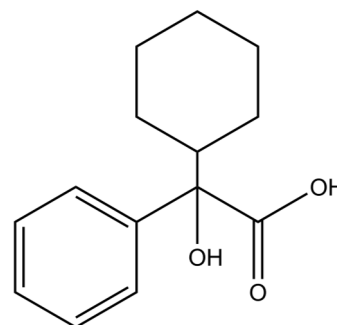
Cyclohexyl mandelic acid



CAS number: 4335-77-7
Arran reference: CHMA
Molecular formula: C₁₄H₁₈O₃
Molecular weight: 234.29
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/CHMA/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Assay (titration)	Not less than 98.5% w/w



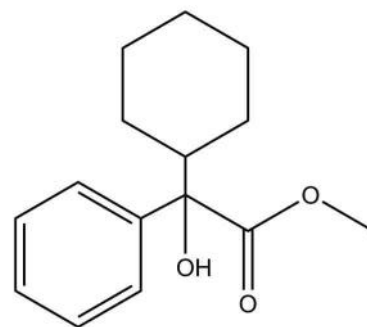
Cyclohexyl mandelic acid, methyl ester



CAS number: 10399-13-0
Arran reference: CHMM
Molecular formula: C₁₅H₂₀O₃
Molecular weight: 248.32
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/CHMM/>

Test	Specification
Purity (GC)	Not less than 99.0%
Water content	Not more than 0.5%



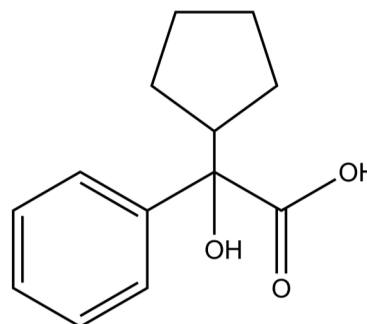
Cyclopentyl mandelic acid



CAS number: 427-49-6
Arran reference: CPMA
Molecular formula: C₁₃H₁₆O₃
Molecular weight: 220.26
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/CPMA/>

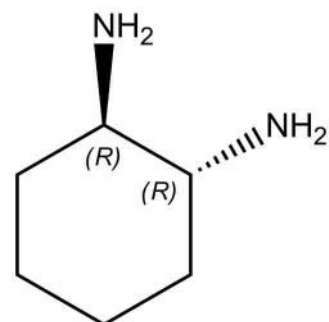
Test	Specification
Purity (HPLC)	Not less than 99.0%
Loss on drying	Not more than 0.5%



(R,R)-(-)-1,2-Diaminocyclohexane



CAS number: 20439-47-8
Arran reference: RDAC
Molecular formula: C₆H₁₄N₂
Molecular weight: 114.19
Product family: Chiral
Availability: Typically in stock



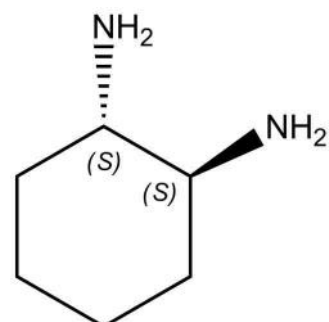
<https://arranchemical.ie/chiral/RDAC/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

(S,S)-(+)-1,2-Diaminocyclohexane



CAS number: 21436-03-3
Arran reference: SDAC
Molecular formula: C₆H₁₄N₂
Molecular weight: 114.19
Product family: Chiral
Availability: Typically in stock



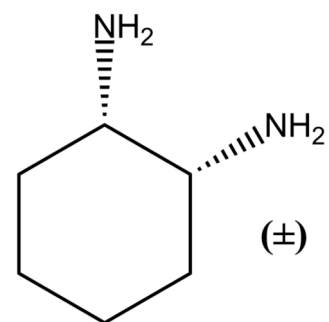
<https://arranchemical.ie/chiral/SDAC/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

cis-1,2-Diaminocyclohexane



CAS number: 1436-59-5
Arran reference: CDAC
Molecular formula: C₆H₁₄N₂
Molecular weight: 114.19
Product family: Achiral
Availability: Typically in stock



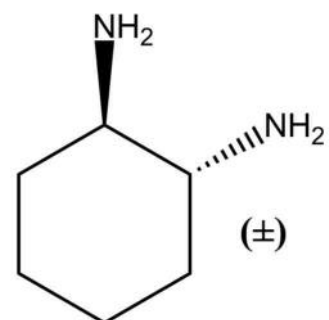
<https://arranchemical.ie/achiral/CDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	98.0 – 101.0% w/w

trans-1,2-Diaminocyclohexane



CAS number: 1121-22-8
Arran reference: TDAC
Molecular formula: C₆H₁₄N₂
Molecular weight: 114.19
Product family: Achiral
Availability: Typically in stock



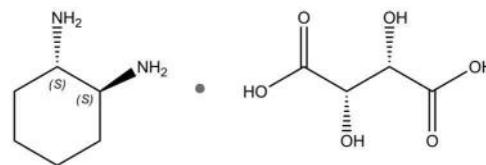
<https://arranchemical.ie/achiral/TDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	98.0 – 101.0% w/w

(S,S)-(-)-1,2-Diaminocyclohexane D-tartrate



CAS number: 67333-70-4
Arran reference: SDAC.DT
Molecular formula: C₆H₁₄N₂.C₄H₆O₆
Molecular weight: 264.28
Product family: Chiral
Availability: Typically in stock



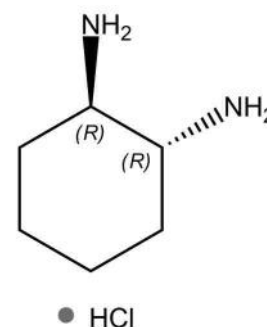
<https://arranchemical.ie/chiral/SDAC-DT/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

(R,R)-(+)-1,2-Diaminocyclohexane hydrochloride



CAS number: 191480-63-4
Arran reference: RDAC.HCl
Molecular formula: C₆H₁₄N₂.ClH
Molecular weight: 150.65
Product family: Chiral
Availability: Typically in stock



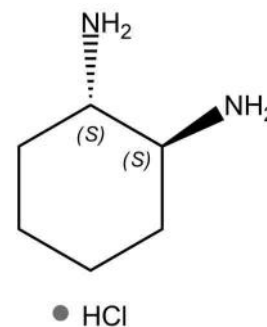
<https://arranchemical.ie/chiral/RDAC-HCl/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

(S,S)-(-)-1,2-Diaminocyclohexane hydrochloride



CAS number: 191480-65-6
Arran reference: SDAC.HCl
Molecular formula: C₆H₁₄N₂.ClH
Molecular weight: 150.65
Product family: Chiral
Availability: Typically in stock



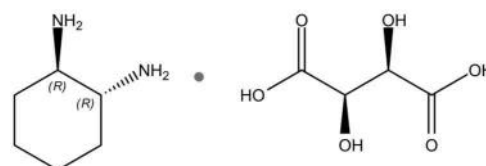
<https://arranchemical.ie/chiral/SDAC-HCl/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

(R,R)-(+)-1,2-Diaminocyclohexane L-tartrate



CAS number: 39961-95-0
Arran reference: RDAC.LT
Molecular formula: C₆H₁₄N₂.C₄H₆O₆
Molecular weight: 264.28
Product family: Chiral
Availability: Typically in stock



<https://arranchemical.ie/chiral/RDAC-LT/>

Test	Specification
Isomeric purity (HPLC)	Not less than 99.0% trans-isomer
Enantiomeric excess (HPLC)	Not less than 99.0%

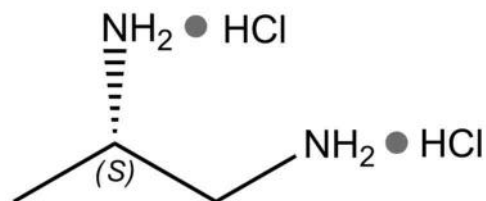
(S)-1,2-Diaminopropane dihydrochloride



CAS number: 19777-66-3
Arran reference: SDAP.2HCl
Molecular formula: C₃H₁₀N₂.2ClH
Molecular weight: 147.05
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SDAP-2HCl/>

Test	Specification
Purity (GC)	Not less than 99.0% (free base)
Enantiomeric excess (GC)	Not less than 99.0%



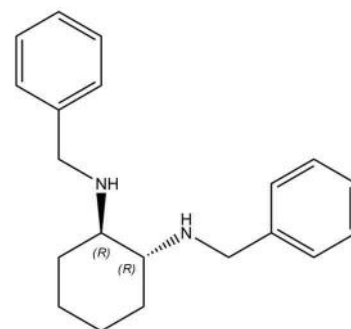
(1R,2R)-N,N'-Dibenzyl-1,2-diaminocyclohexane



CAS number: 143443-23-6
Arran reference: RDBDAC
Molecular formula: C₂₀H₂₆N₂
Molecular weight: 294.40
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RDBDAC/>

Test	Specification
Purity	Not less than 98.0%
Enantiomeric excess	Not less than 99.0%



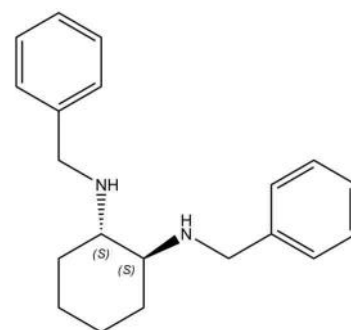
(1S,2S)-N,N'-Dibenzyl-1,2-diaminocyclohexane



CAS number: 191480-61-2
Arran reference: SDBDAC
Molecular formula: C₂₀H₂₆N₂
Molecular weight: 294.40
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SDBDAC/>

Test	Specification
Purity	Not less than 98.0%
Enantiomeric excess	Not less than 99.0%



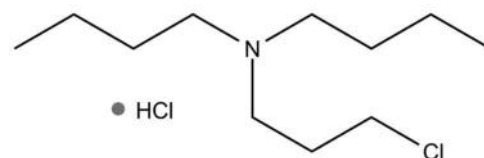
3-Dibutylaminopropyl chloride hydrochloride (65%)



CAS number: 115555-77-6
Arran reference: DBPC.HCl65
Molecular formula: C₁₁H₂₄ClN.ClH
Molecular weight: 278.69
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/DBPC-HCl65/>

Test	Specification
Purity (GC)	Not less than 95.0%
Assay (titration)	63.0 – 67.0% w/w



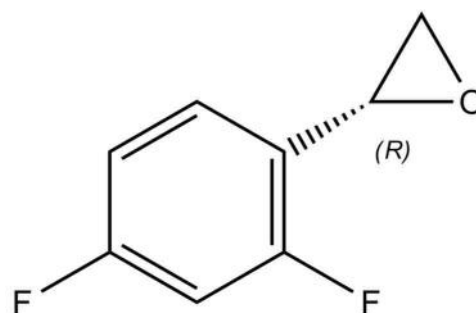
(2R)-2-(2,4-Difluorophenyl)oxirane



CAS number: 851634-77-0
Arran reference: RDFPO
Molecular formula: C₈H₆F₂O
Molecular weight: 156.13
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RDFPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



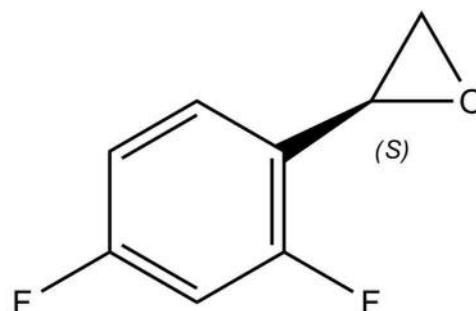
(2S)-2-(2,4-Difluorophenyl)oxirane



CAS number: 851634-78-1
Arran reference: SDFPO
Molecular formula: C₈H₆F₂O
Molecular weight: 156.13
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SDFPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



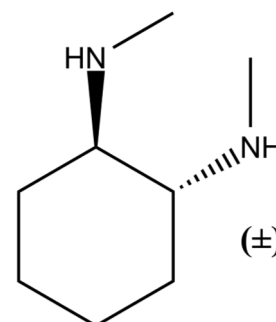
(±)-trans-N,N'-Dimethyl-1,2-diaminocyclohexane



CAS number: 67579-81-1
Arran reference: DMDAC
Molecular formula: C₈H₁₈N₂
Molecular weight: 142.24
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/DMDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	98.0 – 102.0% w/w



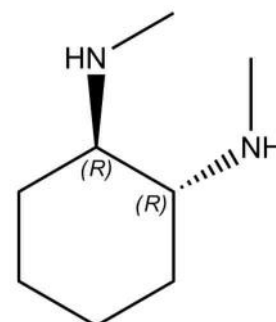
(1R,2R)-N,N'-Dimethyl-1,2-diaminocyclohexane



CAS number: 68737-65-5
Arran reference: RDMDAC
Molecular formula: C₈H₁₈N₂
Molecular weight: 142.24
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RDMDAC/>

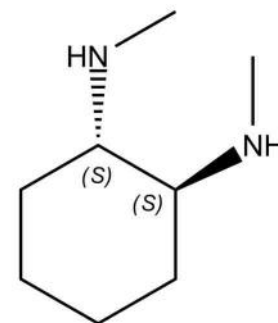
Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess	Not less than 98.0%



(1S,2S)-N,N'-Dimethyl-1,2-diaminocyclohexane



CAS number: 87583-89-9
Arran reference: SDMDAC
Molecular formula: C₈H₁₈N₂
Molecular weight: 142.24
Product family: Chiral
Availability: Typically in stock



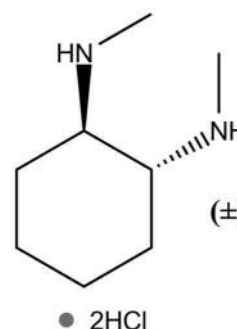
<https://arranchemical.ie/chiral/SDMDAC/>

Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess	Not less than 98.0%

(±)-trans-N,N'-Dimethyl-1,2-diaminocyclohexane dihydrochloride



CAS number: 473918-41-1
Arran reference: DMDAC.2HCl
Molecular formula: C₈H₁₈N₂.2ClH
Molecular weight: 215.24
Product family: Achiral
Availability: Typically in stock



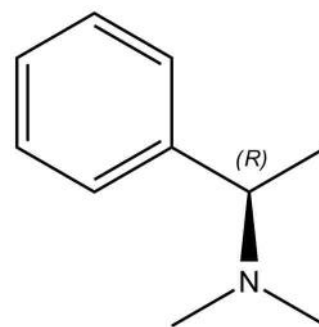
<https://arranchemical.ie/achiral/DMDAC-2HCl/>

Test	Specification
Purity (GC)	Not less than 98.0% (free base)
Assay (titration)	98.0 – 102.0% w/w

(R)-(+)-N,N-Dimethyl-1-phenylethylamine



CAS number: 19342-01-9
Arran reference: RDMPEA
Molecular formula: C₁₀H₁₅N
Molecular weight: 149.23
Product family: Chiral
Availability: Typically in stock



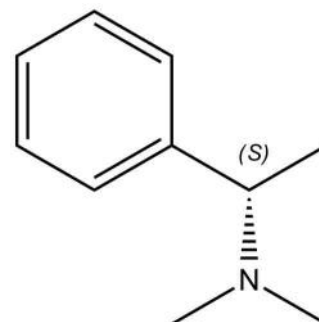
<https://arranchemical.ie/chiral/RDMPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Assay (titration)	98.0 – 102.0% w/w

(S)-(-)-N,N-Dimethyl-1-phenylethylamine



CAS number: 17279-31-1
Arran reference: SDMPEA
Molecular formula: C₁₀H₁₅N
Molecular weight: 149.23
Product family: Chiral
Availability: Typically in stock



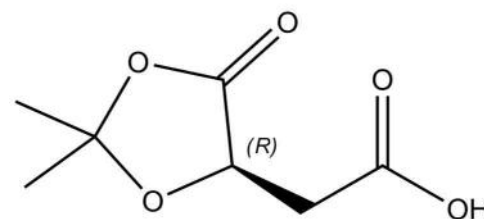
<https://arranchemical.ie/chiral/SDMPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Assay (titration)	98.0 – 102.0% w/w

(R)-(-)-2,2-Dimethyl-5-oxo-1,3-dioxalane-4-acetic acid



CAS number: 113278-68-5
Arran reference: RDMODA
Molecular formula: C₇H₁₀O₅
Molecular weight: 174.15
Product family: Chiral
Availability: Typically in stock



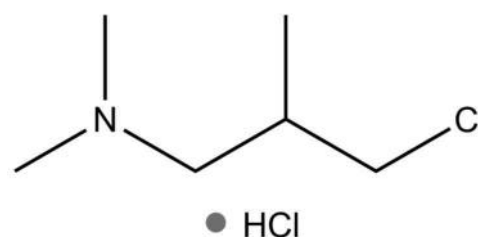
<https://arranchemical.ie/chiral/RDMODA/>

Test	Specification
Specific rotation (c = 4, methanol)	[α] ₂₀ D = -21.9 ± 0.6°
Loss on drying	Not more than 1.0%

3-Dimethylamino-2-methylpropyl chloride hydrochloride (65%)



CAS number: 4261-67-0
Arran reference: DMMPC.HCl65
Molecular formula: C₆H₁₄ClN.ClH
Molecular weight: 172.10
Product family: Achiral
Availability: Typically in stock



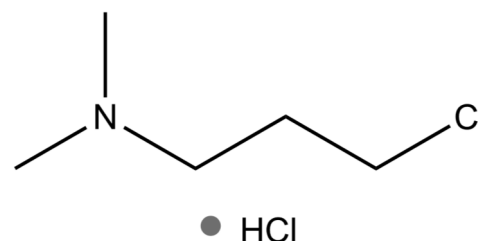
<https://arranchemical.ie/achiral/DMMPC-HCl65/>

Test	Specification
Purity (GC)	Not less than 98.0% (free base)
Assay (titration)	65.0 – 70.0% w/w

3-Dimethylaminopropyl chloride hydrochloride



CAS number: 5407-04-5
Arran reference: DMPC.HCl
Molecular formula: C₅H₁₂ClN.ClH
Molecular weight: 158.07
Product family: Achiral
Availability: Typically in stock



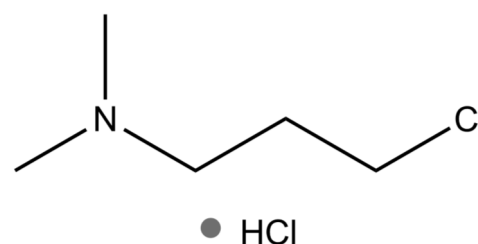
<https://arranchemical.ie/achiral/DMPC-HCl/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	98.0 – 101.0% w/w

3-Dimethylaminopropyl chloride hydrochloride (65%)



CAS number: 5407-04-5
Arran reference: DMPC.HCl65
Molecular formula: C₅H₁₂ClN.ClH
Molecular weight: 158.07
Product family: Achiral
Availability: Typically in stock



<https://arranchemical.ie/achiral/DMPC-HCl65/>

Test	Specification
Purity (GC)	Not less than 98.0%
Assay (titration)	63.5 – 66.5% w/w

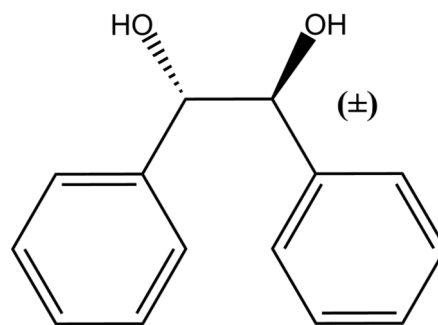
(±)-1,2-Diphenyl-1,2-ethanediol



CAS number: 655-48-1
Arran reference: DPOL
Molecular formula: C₁₄H₁₄O₂
Molecular weight: 214.26
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/DPOL/>

Test	Specification
Purity (GC)	Not less than 99.0%
Loss on drying	Not more than 1.0%



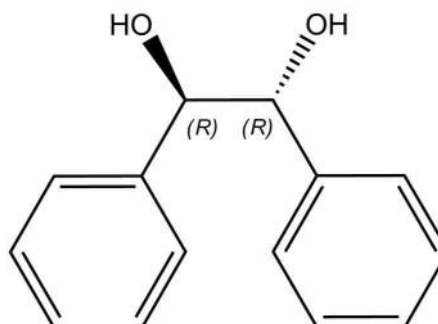
(1R,2R)-(+)-1,2-Diphenyl-1,2-ethanediol



CAS number: 52340-78-0
Arran reference: RDPOL
Molecular formula: C₁₄H₁₄O₂
Molecular weight: 214.26
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RDPOL/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



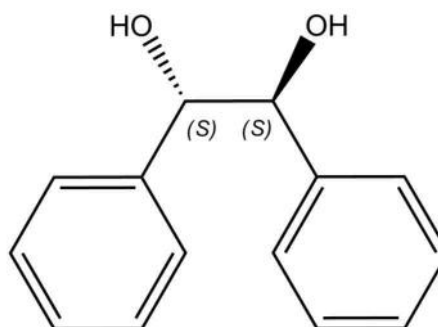
(1S,2S)-(-)-1,2-Diphenyl-1,2-ethanediol



CAS number: 2325-10-2
Arran reference: SDPOL
Molecular formula: C₁₄H₁₄O₂
Molecular weight: 214.26
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SDPOL/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



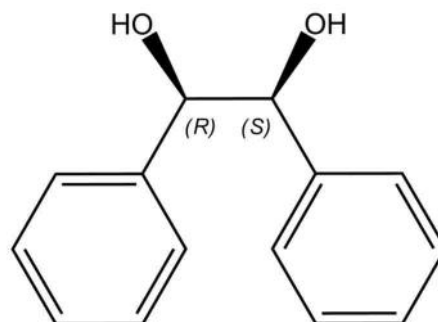
meso-1,2-Diphenyl-1,2-ethanediol



CAS number: 579-43-1
Arran reference: MDPOL
Molecular formula: C₁₄H₁₄O₂
Molecular weight: 214.26
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/MDPOL/>

Test	Specification
Purity (GC)	Not less than 98.0%
Loss on drying	Not more than 1.0%



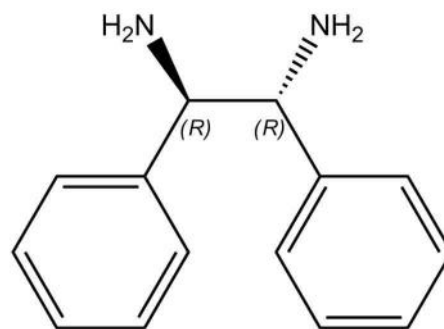
(1R,2R)-(+)-1,2-Diphenylethylenediamine



CAS number: 35132-20-8
Arran reference: RDPEN
Molecular formula: C₁₄H₁₆N₂
Molecular weight: 212.29
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RDPEN/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



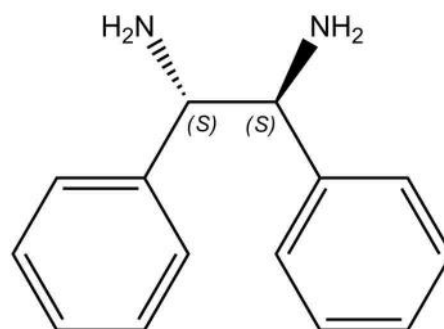
(1S,2S)-(-)-1,2-Diphenylethylenediamine



CAS number: 29841-69-8
Arran reference: SDPEN
Molecular formula: C₁₄H₁₆N₂
Molecular weight: 212.29
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SDPEN/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



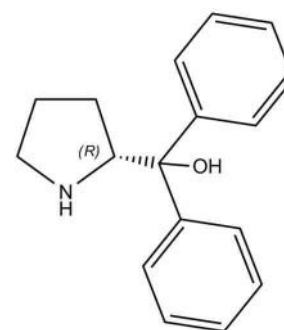
(R)-(+)-Diphenylprolinol



CAS number: 22348-32-9
Arran reference: RDPP
Molecular formula: C₁₇H₁₉NO
Molecular weight: 253.34
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RDPP/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



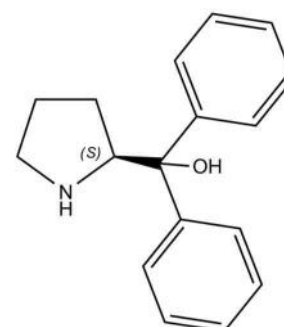
(S)-(-)-Diphenylprolinol



CAS number: 112068-01-6
Arran reference: SDPP
Molecular formula: C₁₇H₁₉NO
Molecular weight: 253.34
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SDPP/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



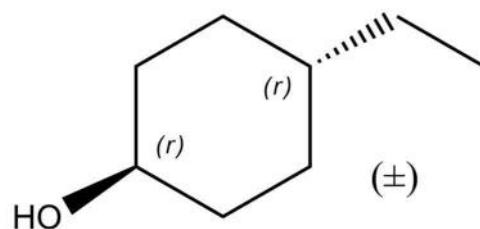
trans-4-Ethyl-cyclohexanol



CAS number: 19781-62-5
Arran reference: TECH
Molecular formula: C₈H₁₆O
Molecular weight: 128.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/TECH/>

Test	Specification
Purity (GC)	Not less than 97.0%
Isomeric purity (GC)	Not more than 1.5% area cis isomer



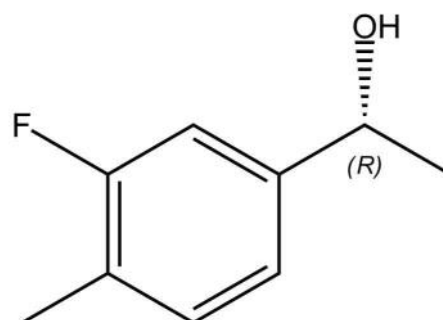
(R)-1-(3-Fluoro-4-methylphenyl)ethanol



CAS number: 1344955-38-9
Arran reference: RFMPE
Molecular formula: C₉H₁₁FO
Molecular weight: 154.18
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RFMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



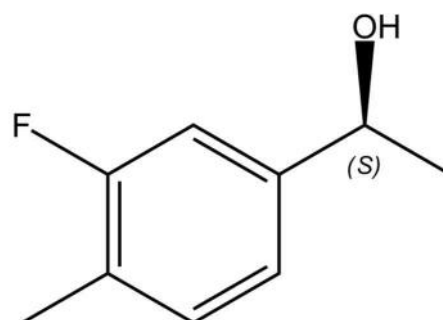
(S)-1-(3-Fluoro-4-methylphenyl)ethanol



CAS number: 1344930-48-8
Arran reference: SFMPE
Molecular formula: C₉H₁₁FO
Molecular weight: 154.18
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SFMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



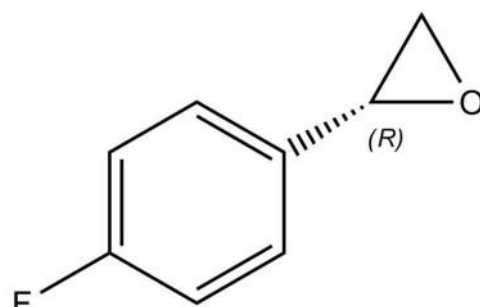
(R)-(-)-4-Fluorostyrene oxide



CAS number: 134356-73-3
Arran reference: RFSO
Molecular formula: C₈H₇FO
Molecular weight: 138.14
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RFSO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



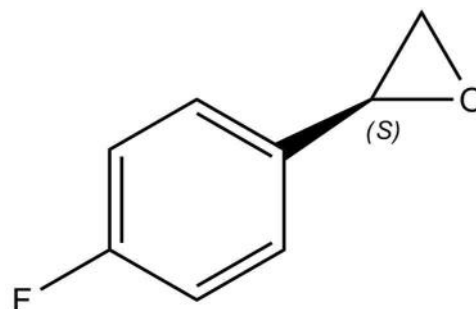
(S)-(+)-4-Fluorostyrene oxide



CAS number: 134356-74-4
Arran reference: SFSO
Molecular formula: C₈H₇FO
Molecular weight: 138.14
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SFSO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



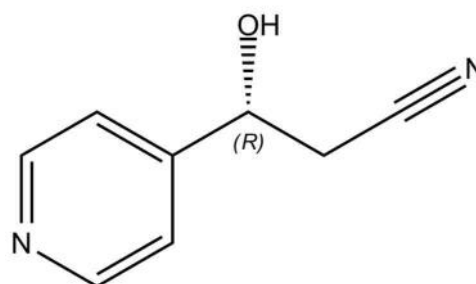
(R)-3-Hydroxy-3-(4-pyridinyl)propanenitrile



CAS number: 1372452-66-8
Arran reference: RHPYPN
Molecular formula: C₈H₈N₂O
Molecular weight: 148.16
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RHPYPN/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



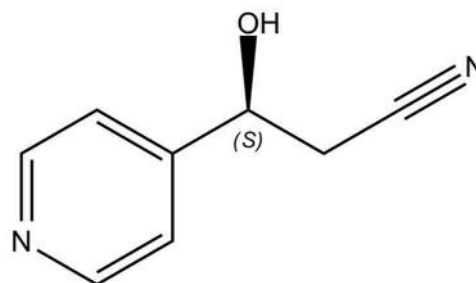
(S)-3-Hydroxy-3-(4-pyridinyl)propanenitrile



CAS number: 676563-19-2
Arran reference: SHPYPN
Molecular formula: C₈H₈N₂O
Molecular weight: 148.16
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/SHPYPN/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



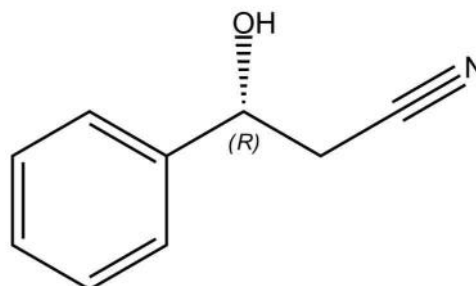
(R)-3-Hydroxy-3-phenylpropanenitrile



CAS number: 73627-97-1
Arran reference: RHPPN
Molecular formula: C₉H₉NO
Molecular weight: 147.17
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RHPPN/>

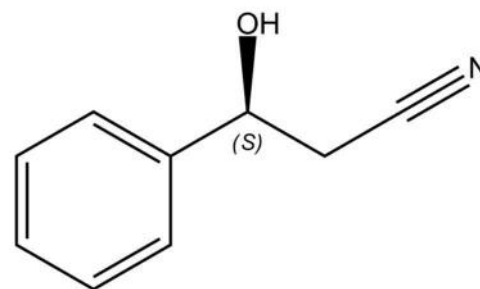
Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



(S)-3-Hydroxy-3-phenylpropanenitrile



CAS number: 132203-26-0
Arran reference: SHPPN
Molecular formula: C₉H₉NO
Molecular weight: 147.17
Product family: Chiral
Availability: Synthesis on demand



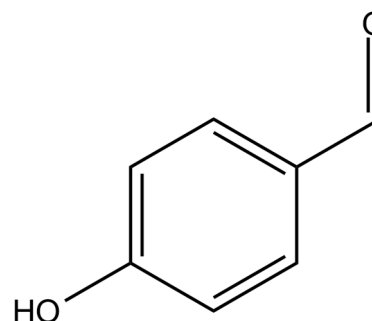
<https://arranchemical.ie/chiral/SHPPN/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

4-Hydroxybenzaldehyde



CAS number: 123-08-0
Arran reference: PHB
Molecular formula: C₇H₆O₂
Molecular weight: 122.12
Product family: Achiral
Availability: Typically in stock



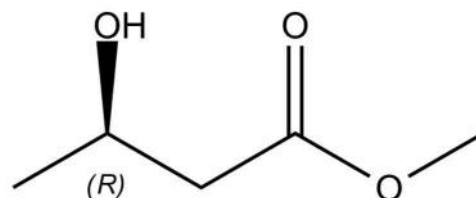
<https://arranchemical.ie/achiral/PHB/>

Test	Specification
Purity (GC)	Not less than 99.0%
Loss on drying	Not more than 1.0%

(R)-(-)-3-Hydroxybutyric acid, methyl ester



CAS number: 3976-69-0
Arran reference: RMHB
Molecular formula: C₅H₁₀O₃
Molecular weight: 118.13
Product family: Chiral
Availability: Synthesis on demand



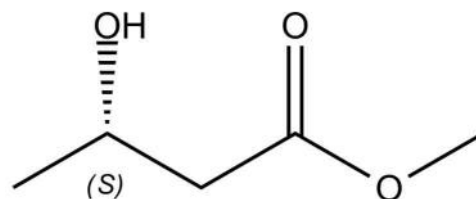
<https://arranchemical.ie/chiral/RMHB/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-(+)-3-Hydroxybutyric acid, methyl ester



CAS number: 53562-86-0
Arran reference: SMHB
Molecular formula: C₅H₁₀O₃
Molecular weight: 118.13
Product family: Chiral
Availability: Synthesis on demand



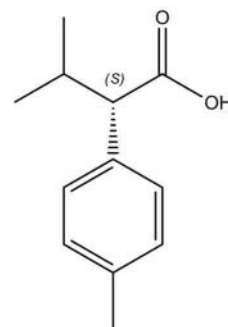
<https://arranchemical.ie/chiral/SMHB/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-(+)-2-Isopropyl-2-(4-methylphenyl)acetic acid



CAS number: 55332-35-9
Arran reference: SIPMPA
Molecular formula: C₁₂H₁₆O₂
Molecular weight: 192.25
Product family: Chiral
Availability: Typically in stock



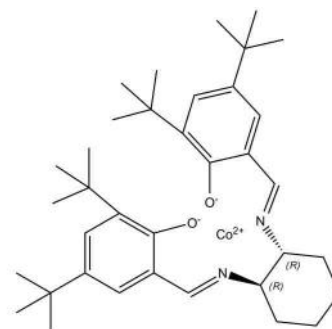
<https://arranchemical.ie/chiral/SIPMPA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess	Not less than 98.0%

(R,R)-Jacobsen cobalt (II) catalyst



CAS number: 176763-62-5
Arran reference: RJCC
Molecular formula: C₃₆H₅₂CoN₂O₂
Molecular weight: 603.74
Product family: Chiral
Availability: Typically in stock



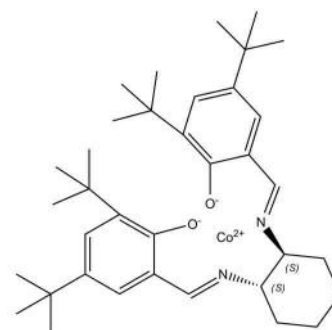
<https://arranchemical.ie/chiral/RJCC/>

Test	Specification
Specific rotation (c = 0.02, 9:1 DCM to acetic acid)	[α] ₂₀ D = -4950 ± 250°
Loss on drying	Not more than 1.0%

(S,S)-Jacobsen cobalt (II) catalyst



CAS number: 188264-84-8
Arran reference: SJCC
Molecular formula: C₃₆H₅₂CoN₂O₂
Molecular weight: 603.74
Product family: Chiral
Availability: Typically in stock



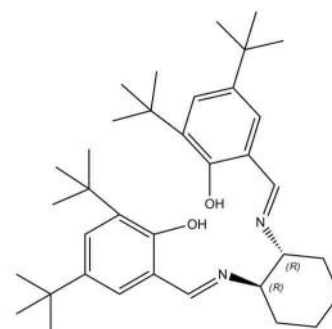
<https://arranchemical.ie/chiral/SJCC/>

Test	Specification
Specific rotation (c = 0.02, 9:1 DCM to acetic acid)	[α] ₂₀ D = +4950 ± 250°
Loss on drying	Not more than 1.0%

(R,R)-(-)-Jacobsen ligand



CAS number: 135616-40-9
Arran reference: RJL
Molecular formula: C₃₆H₅₄N₂O₂
Molecular weight: 546.83
Product family: Chiral
Availability: Typically in stock



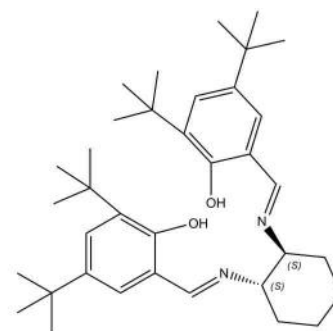
<https://arranchemical.ie/chiral/RJL/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Specific rotation (c = 0.4, DCM)	[α] ₂₀ D = -315 ± 15°

(S,S)-(+)-Jacobsen ligand



CAS number: 135616-36-3
Arran reference: SJL
Molecular formula: C₃₆H₅₄N₂O₂
Molecular weight: 546.83
Product family: Chiral
Availability: Typically in stock



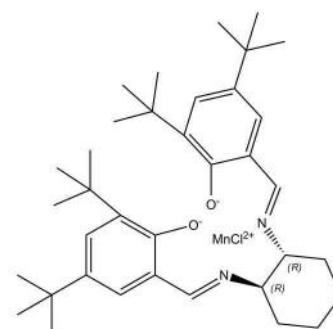
<https://arranchemical.ie/chiral/SJL/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Specific rotation (c = 0.4, DCM)	[α] ₂₀ D = +315 ± 15°

(R,R)-(-)-Jacobsen manganese (III) catalyst



CAS number: 138124-32-0
Arran reference: RJMC
Molecular formula: C₃₆H₅₂ClMnN₂O₂
Molecular weight: 635.20
Product family: Chiral
Availability: Typically in stock



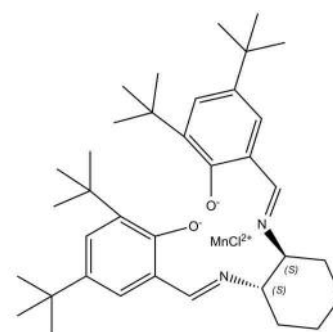
<https://arranchemical.ie/chiral/RJMC/>

Test	Specification
Purity (HPLC)	Not less than 95.0%
Specific rotation (c = 0.2, IMS)	[α] ₂₀ D = -630 ± 30°

(S,S)-(+)-Jacobsen manganese (III) catalyst



CAS number: 135620-04-1
Arran reference: SJMC
Molecular formula: C₃₆H₅₂ClMnN₂O₂
Molecular weight: 635.20
Product family: Chiral
Availability: Typically in stock



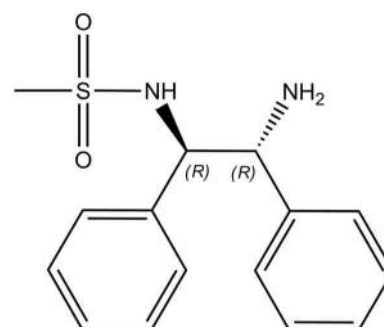
<https://arranchemical.ie/chiral/SJMC/>

Test	Specification
Purity (HPLC)	Not less than 95.0%
Specific rotation (c = 0.2, IMS)	[α] ₂₀ D = +630 ± 30°

(1R,2R)-(+)-N-Methanesulphonyl-1,2-diphenylethylenediamine



CAS number: 511534-44-4
Arran reference: RMSDPEN
Molecular formula: C₁₅H₁₈N₂O₂S
Molecular weight: 290.38
Product family: Chiral
Availability: Typically in stock



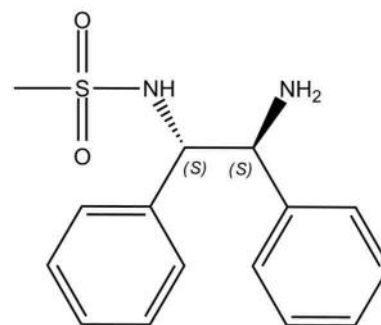
<https://arranchemical.ie/chiral/RMSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 98.0%

(1S,2S)-(-)-N-Methanesulphonyl-1,2-diphenylethylenediamine



CAS number: 300345-76-0
Arran reference: SMSDPEN
Molecular formula: C₁₅H₁₈N₂O₂S
Molecular weight: 290.38
Product family: Chiral
Availability: Typically in stock



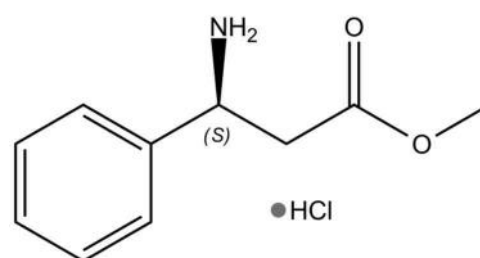
<https://arranchemical.ie/chiral/SMSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 98.0%

(S)-Methyl 3-Amino-3-phenylpropanoate hydrochloride



CAS number: 144494-72-4
Arran reference: SMAPP.HCl
Molecular formula: C₁₀H₁₃NO₂.ClH
Molecular weight: 215.68
Product family: Chiral
Availability: Typically in stock



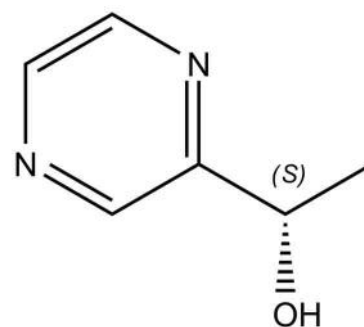
<https://arranchemical.ie/chiral/SMAPP-HCl/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 98.0%

(S)-Methyl-2-pyrazinemethanol



CAS number: 1334160-87-0
Arran reference: SMPM
Molecular formula: C₆H₈N₂O
Molecular weight: 124.14
Product family: Chiral
Availability: Synthesis on demand



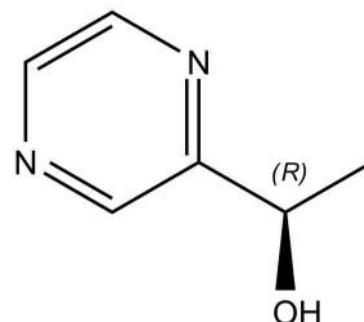
<https://arranchemical.ie/chiral/SMPM/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R)-Methyl-2-pyrazinemethanol



CAS number: 1334160-82-5
Arran reference: RMPM
Molecular formula: C₆H₈N₂O
Molecular weight: 124.14
Product family: Chiral
Availability: Synthesis on demand



<https://arranchemical.ie/chiral/RMPM/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

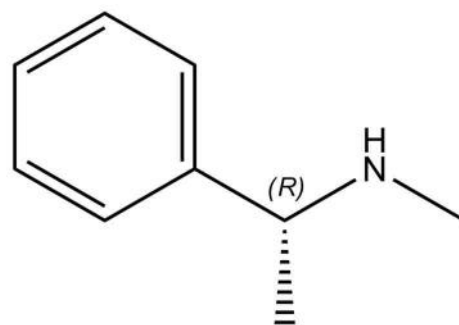
(R)-(+)-N-Methyl-1-phenylethylamine



CAS number: 5933-40-4
Arran reference: RMEPEA
Molecular formula: C₉H₁₃N
Molecular weight: 135.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RMEPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Specific rotation (c = 4, IMS)	[α] ₂₀ D = +65 ± 2°



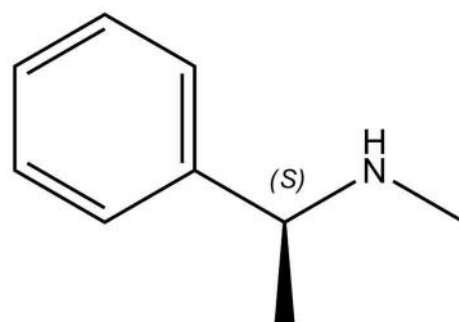
(S)-(-)-N-Methyl-1-phenylethylamine



CAS number: 19131-99-8
Arran reference: SMEPEA
Molecular formula: C₉H₁₃N
Molecular weight: 135.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SMEPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Specific rotation (c = 4, IMS)	[α] ₂₀ D = -65 ± 2°



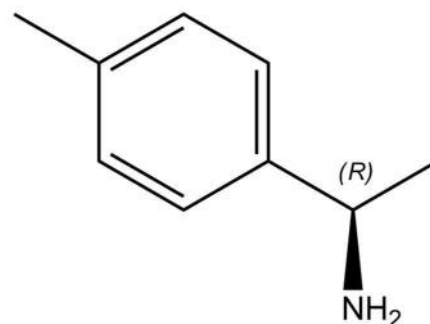
(R)-(+)-1-(4-Methylphenyl)ethylamine



CAS number: 4187-38-6
Arran reference: RMPEA
Molecular formula: C₉H₁₃N
Molecular weight: 135.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RMPEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



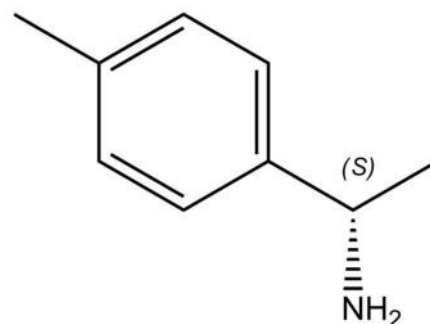
(S)-(-)-1-(4-Methylphenyl)ethylamine



CAS number: 27298-98-2
Arran reference: SMPEA
Molecular formula: C₉H₁₃N
Molecular weight: 135.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SMPEA/>

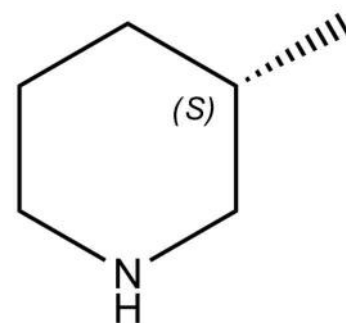
Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



(S)-3-Methylpiperidine



CAS number: 17305-22-5
Arran reference: SMPD
Molecular formula: C₆H₁₃N
Molecular weight: 99.17
Product family: Chiral
Availability: Typically in stock



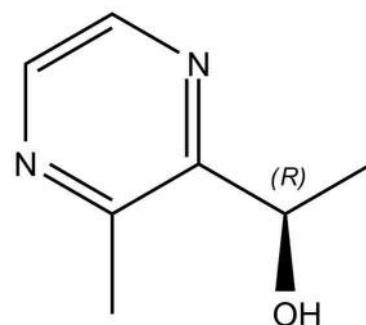
<https://arranchemical.ie/chiral/SMPD/>

Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess (GC)	Not less than 99.0%

(R)-1-(3-Methylpyrazin-2-yl)ethanol



CAS number: 1372452-51-1
Arran reference: RMPE
Molecular formula: C₇H₁₀N₂O
Molecular weight: 138.17
Product family: Chiral
Availability: Synthesis on demand



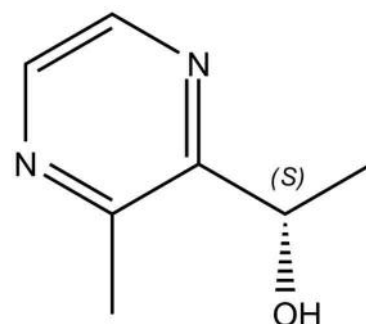
<https://arranchemical.ie/chiral/RMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-1-(3-Methylpyrazin-2-yl)ethanol



CAS number: 1372452-36-2
Arran reference: SMPE
Molecular formula: C₇H₁₀N₂O
Molecular weight: 138.17
Product family: Chiral
Availability: Synthesis on demand



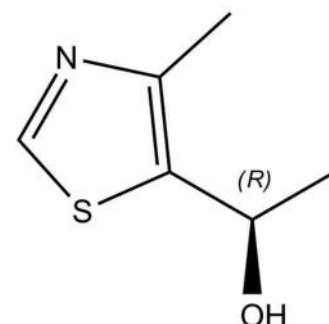
<https://arranchemical.ie/chiral/SMPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R)-1-(4-Methylthiazol-5-yl)ethanol



CAS number: 1344944-19-9
Arran reference: RMTE
Molecular formula: C₆H₉NOS
Molecular weight: 143.21
Product family: Chiral
Availability: Synthesis on demand



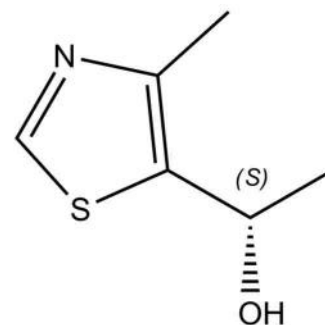
<https://arranchemical.ie/chiral/RMTE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-1-(4-Methylthiazol-5-yl)ethanol



CAS number: 1344940-15-3
Arran reference: SMTE
Molecular formula: C₆H₉NOS
Molecular weight: 143.21
Product family: Chiral
Availability: Synthesis on demand



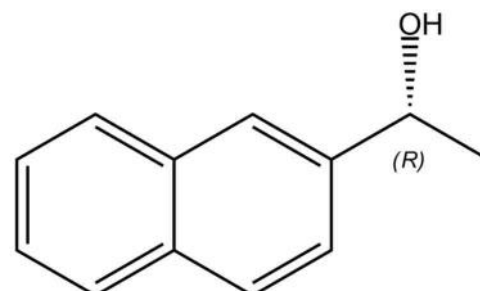
<https://arranchemical.ie/chiral/SMTE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R)-(+)-1-(2-Naphthyl)ethanol



CAS number: 52193-85-8
Arran reference: RNE
Molecular formula: C₁₂H₁₂O
Molecular weight: 172.22
Product family: Chiral
Availability: Typically in stock



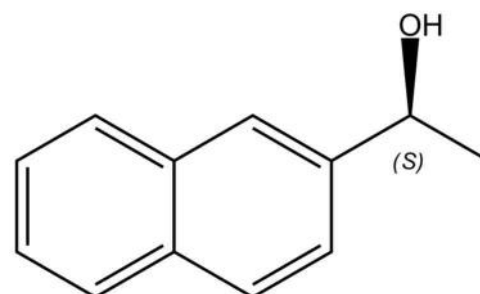
<https://arranchemical.ie/chiral/RNE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-(-)-1-(2-Naphthyl)ethanol



CAS number: 27544-18-9
Arran reference: SNE
Molecular formula: C₁₂H₁₂O
Molecular weight: 172.22
Product family: Chiral
Availability: Typically in stock



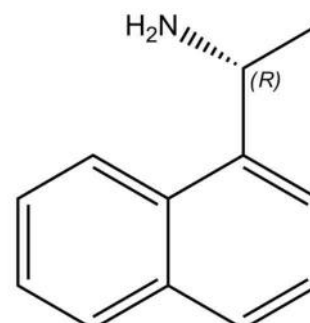
<https://arranchemical.ie/chiral/SNE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R)-(+)-1-(1-Naphthyl)ethylamine



CAS number: 3886-70-2
Arran reference: RNEA
Molecular formula: C₁₂H₁₃N
Molecular weight: 171.24
Product family: Chiral
Availability: Typically in stock



<https://arranchemical.ie/chiral/RNEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

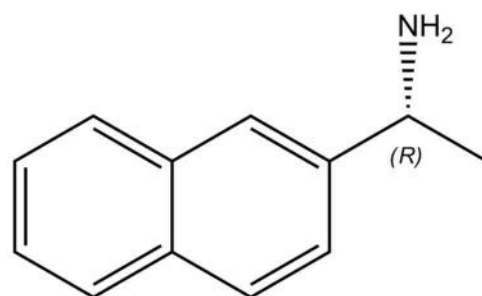
(R)-(+)-1-(2-Naphthyl)ethylamine



CAS number: 3906-16-9
Arran reference: R2NEA
Molecular formula: C₁₂H₁₃N
Molecular weight: 171.24
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/R2NEA/>

Test	Specification
Purity (GC)	Not less than 98.0%
Purity (HPLC)	Not less than 98.0%



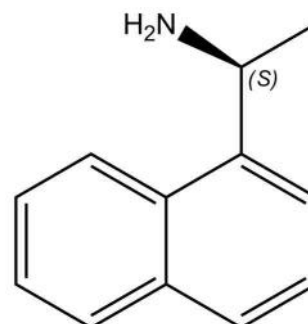
(S)-(-)-1-(1-Naphthyl)ethylamine



CAS number: 10420-89-0
Arran reference: SNEA
Molecular formula: C₁₂H₁₃N
Molecular weight: 171.24
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SNEA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



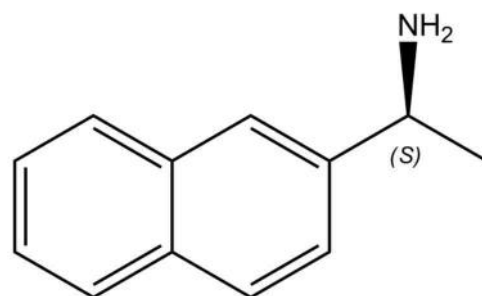
(S)-(-)-1-(2-Naphthyl)ethylamine



CAS number: 3082-62-0
Arran reference: S2NEA
Molecular formula: C₁₂H₁₃N
Molecular weight: 171.24
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/S2NEA/>

Test	Specification
Purity (GC)	Not less than 98.0%
Purity (HPLC)	Not less than 98.0%



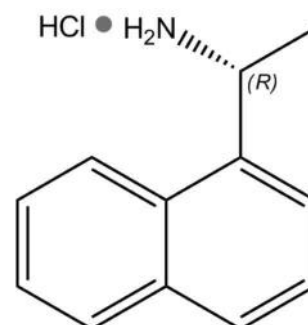
(R)-(+)-1-(1-Naphthyl)ethylamine hydrochloride



CAS number: 82572-04-1
Arran reference: RNEA.HCl
Molecular formula: C₁₂H₁₃N.ClH
Molecular weight: 207.70
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RNEA-HCl/>

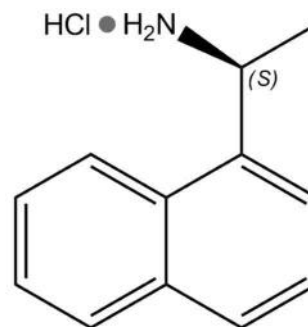
Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%



(S)-(-)-1-(1-Naphthyl)ethylamine hydrochloride



CAS number: 51600-24-9
Arran reference: SNEA.HCl
Molecular formula: C₁₂H₁₃N.ClH
Molecular weight: 207.70
Product family: Chiral
Availability: Typically in stock



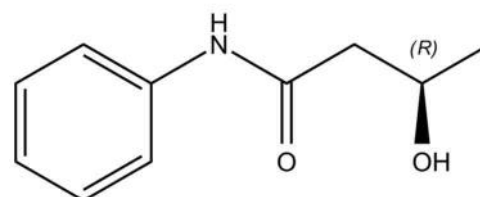
<https://arranchemical.ie/chiral/SNEA-HCl/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(R)-N-Phenyl-3-hydroxybutanamide



CAS number: 124095-27-8
Arran reference: RPHBA
Molecular formula: C₁₀H₁₃NO₂
Molecular weight: 179.22
Product family: Chiral
Availability: Synthesis on demand



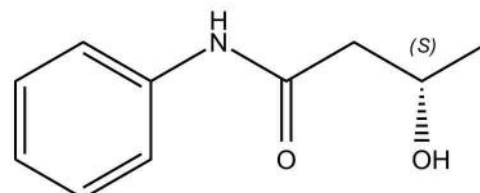
<https://arranchemical.ie/chiral/RPHBA/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-N-Phenyl-3-hydroxybutanamide



CAS number: 61444-22-2
Arran reference: SPHBA
Molecular formula: C₁₀H₁₃NO₂
Molecular weight: 179.22
Product family: Chiral
Availability: Synthesis on demand



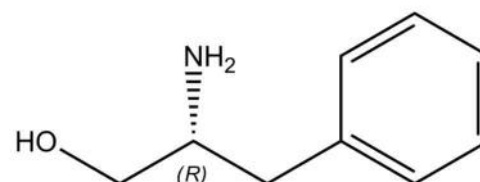
<https://arranchemical.ie/chiral/SPHBA/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

D-Phenylalaninol



CAS number: 5267-64-1
Arran reference: DPA
Molecular formula: C₉H₁₃NO
Molecular weight: 151.21
Product family: Chiral
Availability: Typically in stock



<https://arranchemical.ie/chiral/DPA/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess	Not less than 99.0%

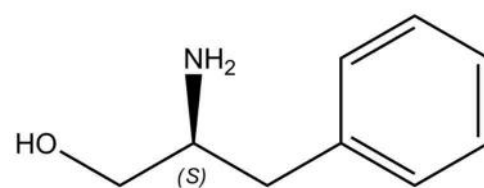
L-Phenylalaninol



CAS number: 3182-95-4
Arran reference: LPA
Molecular formula: C₉H₁₃NO
Molecular weight: 151.21
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/LPA/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess	Not less than 99.0%



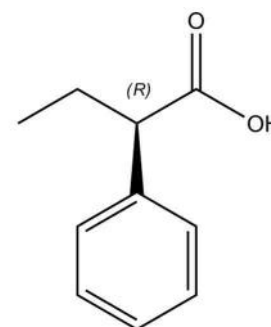
(R)-(-)-2-Phenylbutyric acid



CAS number: 938-79-4
Arran reference: RPBA
Molecular formula: C₁₀H₁₂O₂
Molecular weight: 164.20
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/RPBA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Specific rotation (c = 4, toluene)	[α] ₂₀ D = -96 ± 2°



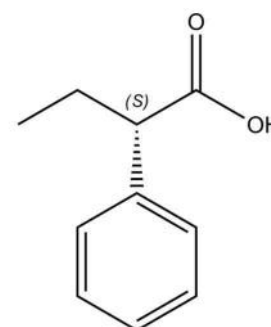
(S)-(+)-2-Phenylbutyric acid



CAS number: 4286-15-1
Arran reference: SPBA
Molecular formula: C₁₀H₁₂O₂
Molecular weight: 164.20
Product family: Chiral
Availability: Typically in stock

<https://arranchemical.ie/chiral/SPBA/>

Test	Specification
Purity (GC)	Not less than 99.0%
Specific rotation (c = 4, toluene)	[α] ₂₀ D = +96 ± 2°



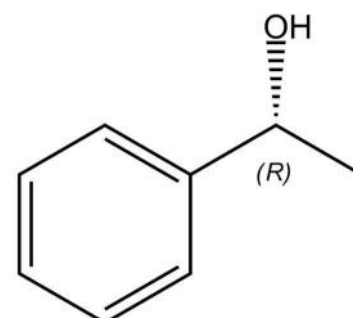
(R)-(+)-1-Phenylethanol



CAS number: 1517-69-7
Arran reference: RPE
Molecular formula: C₈H₁₀O
Molecular weight: 122.16
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RPE/>

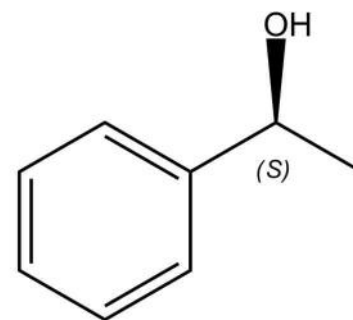
Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



(S)-(-)-1-Phenylethanol



CAS number: 1445-91-6
Arran reference: SPE
Molecular formula: C₈H₁₀O
Molecular weight: 122.16
Product family: Chiral
Availability: Synthesis on demand



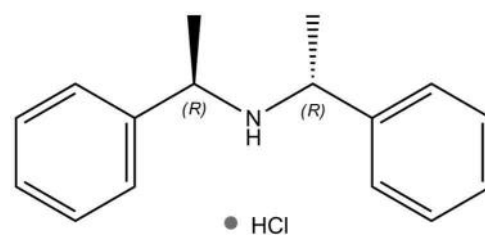
<https://arranchemical.ie/chiral/SPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R,R')-(+)-Bis(1-Phenylethyl)amine hydrochloride



CAS number: 82398-30-9
Arran reference: RBISPEA.HCl
Molecular formula: C₁₆H₁₉N.ClH
Molecular weight: 261.79
Product family: Chiral
Availability: Typically in stock



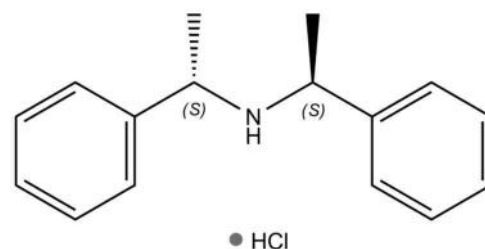
<https://arranchemical.ie/chiral/RBISPEA-HCl/>

Test	Specification
Purity (GC)	Not less than 98.0% (free base)
Assay (titration)	98.0 – 102.0% w/w

(S,S')-(-)-Bis(1-Phenylethyl)amine hydrochloride



CAS number: 40648-92-8
Arran reference: SBISPEA.HCl
Molecular formula: C₁₆H₁₉N.ClH
Molecular weight: 261.79
Product family: Chiral
Availability: Typically in stock



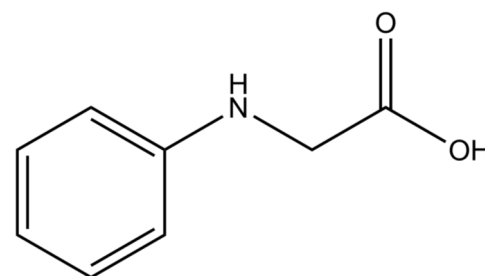
<https://arranchemical.ie/chiral/SBISPEA-HCl/>

Test	Specification
Purity (GC)	Not less than 98.0% (free base)
Assay (titration)	98.0 – 102.0% w/w

N-Phenylglycine



CAS number: 103-01-5
Arran reference: NPG
Molecular formula: C₈H₉NO₂
Molecular weight: 151.16
Product family: Achiral
Availability: Typically in stock



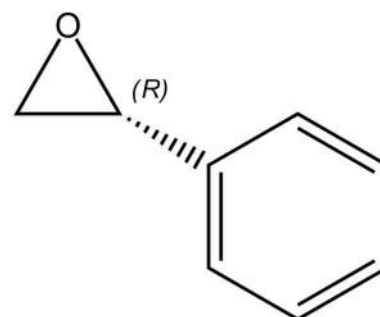
<https://arranchemical.ie/achiral/NPG/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Assay (titration)	98.0 – 102.0% w/w

(R)-(+)-Phenyloxirane



CAS number: 20780-53-4
Arran reference: RPO
Molecular formula: C₈H₈O
Molecular weight: 120.15
Product family: Chiral
Availability: Synthesis on demand



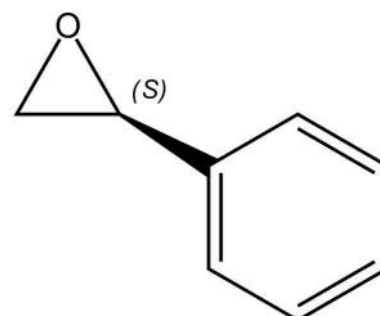
<https://arranchemical.ie/chiral/RPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(S)-(-)-Phenyloxirane



CAS number: 20780-54-5
Arran reference: SPO
Molecular formula: C₈H₈O
Molecular weight: 120.15
Product family: Chiral
Availability: Synthesis on demand



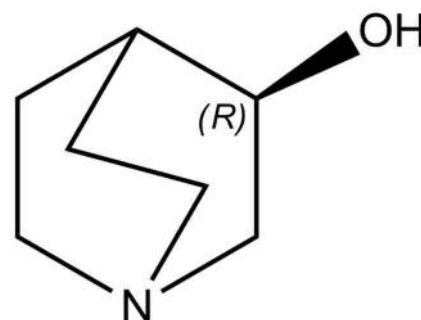
<https://arranchemical.ie/chiral/SPO/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%

(R)-(-)-3-Quinuclidinol



CAS number: 25333-42-0
Arran reference: RQN
Molecular formula: C₇H₁₃NO
Molecular weight: 127.18
Product family: Chiral
Availability: Typically in stock



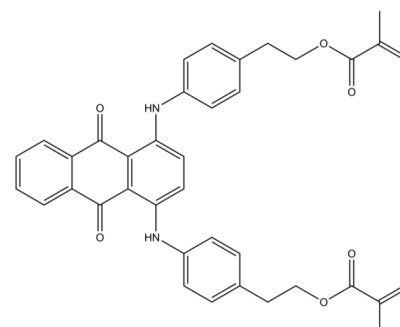
<https://arranchemical.ie/chiral/RQN/>

Test	Specification
Purity (GC)	Not less than 98.0%
Enantiomeric excess (GC)	Not less than 99%

Reactive blue 246



CAS number: 121888-69-5
Arran reference: RB246
Molecular formula: C₃₈H₃₄N₂O₆
Molecular weight: 614.69
Product family: Achiral
Availability: Typically in stock



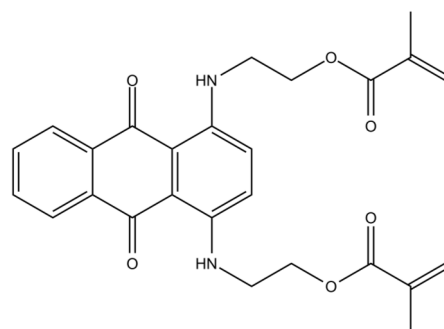
<https://arranchemical.ie/achiral/RB246/>

Test	Specification
Purity (HPLC)	Not less than 95.0%
Loss on drying	Not more than 1.0%

Reactive blue 247



CAS number: 109561-07-1
Arran reference: RB247
Molecular formula: C₂₆H₂₆N₂O₆
Molecular weight: 462.49
Product family: Achiral
Availability: Typically in stock



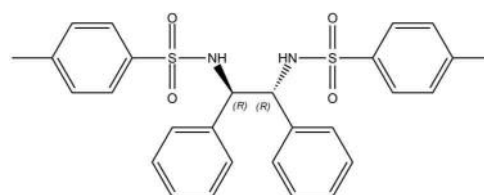
<https://arranchemical.ie/achiral/RB247/>

Test	Specification
Purity (HPLC)	Not less than 95.0%
Loss on drying	Not more than 1.0%

(1R,2R)-(+)-N,N'-Bis(4-Toluenesulfonyl)-1,2-diphenylethylenediamine



CAS number: 121758-19-8
Arran reference: RBISTSDPEN
Molecular formula: C₂₈H₂₈N₂O₄S₂
Molecular weight: 520.66
Product family: Chiral
Availability: Typically in stock



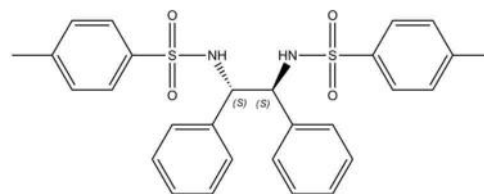
<https://arranchemical.ie/chiral/RBISTSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Specific rotation (c = 2, CHCl ₃)	[α] ₂₀ D = +45 ± 2.5°

(1S,2S)-(-)-N,N'-Bis(4-Toluenesulfonyl)-1,2-diphenylethylenediamine



CAS number: 170709-41-8
Arran reference: SBISTSDPEN
Molecular formula: C₂₈H₂₈N₂O₄S₂
Molecular weight: 520.66
Product family: Chiral
Availability: Typically in stock



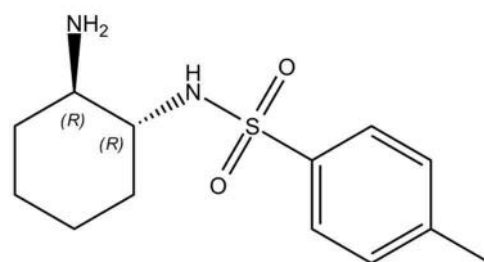
<https://arranchemical.ie/chiral/SBISTSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Specific rotation (c = 2, CHCl ₃)	[α] ₂₀ D = -45 ± 2.5°

(1R,2R)-(-)-N-(4-Toluenesulphonyl)-1,2-diaminocyclohexane



CAS number: 174291-96-4
Arran reference: RTSDAC
Molecular formula: C₁₃H₂₀N₂O₂S
Molecular weight: 268.38
Product family: Chiral
Availability: Typically in stock



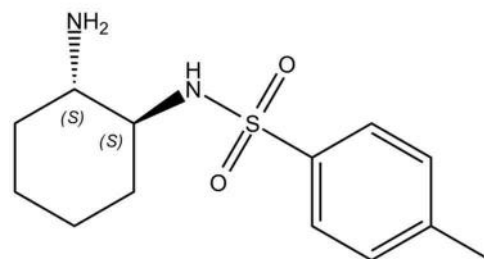
<https://arranchemical.ie/chiral/RTSDAC/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S,2S)-(+)-N-(4-Toluenesulphonyl)-1,2-diaminocyclohexane



CAS number: 174291-97-5
Arran reference: STSDAC
Molecular formula: C₁₃H₂₀N₂O₂S
Molecular weight: 268.38
Product family: Chiral
Availability: Typically in stock



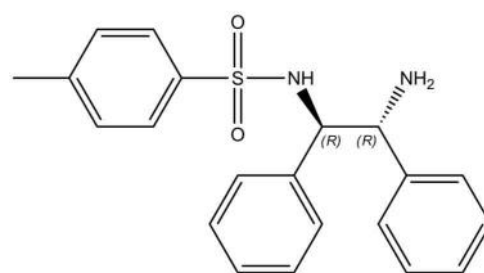
<https://arranchemical.ie/chiral/STSDAC/>

Test	Specification
Purity (HPLC)	Not less than 98.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1R,2R)-(-)-N-(4-Toluenesulphonyl)-1,2-diphenylethylenediamine



CAS number: 144222-34-4
Arran reference: RTSDPEN
Molecular formula: C₂₁H₂₂N₂O₂S
Molecular weight: 366.48
Product family: Chiral
Availability: Typically in stock



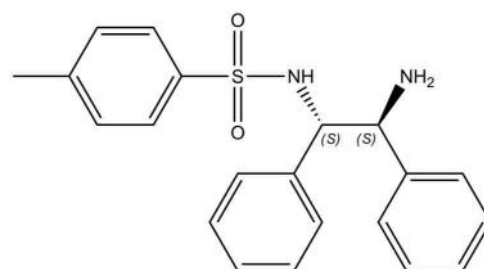
<https://arranchemical.ie/chiral/RTSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

(1S,2S)-(+)-N-(4-Toluenesulphonyl)-1,2-diphenylethylenediamine



CAS number: 167316-27-0
Arran reference: STSDPEN
Molecular formula: C₂₁H₂₂N₂O₂S
Molecular weight: 366.48
Product family: Chiral
Availability: Typically in stock



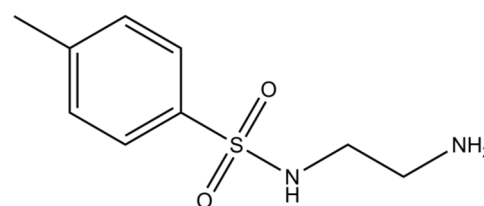
<https://arranchemical.ie/chiral/STSDPEN/>

Test	Specification
Purity (HPLC)	Not less than 99.0%
Enantiomeric excess (HPLC)	Not less than 99.0%

N-Tosylethylenediamine



CAS number: 14316-16-6
Arran reference: TSED
Molecular formula: C₉H₁₄N₂O₂S
Molecular weight: 214.28
Product family: Achiral
Availability: Typically in stock



<https://arranchemical.ie/achiral/TSED/>

Test	Specification
Assay (titration)	98.0 – 102.0% w/w (on dried substance)
Identity (IR)	Conforms to standard

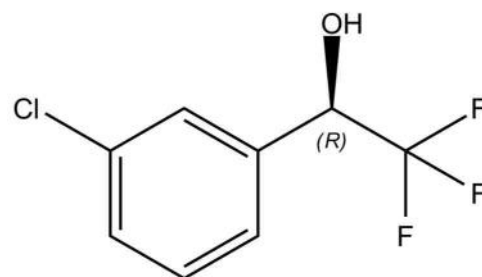
(R)-2,2,2-Trifluoro-1-(3-chlorophenyl)ethanol



CAS number: 376347-10-3
Arran reference: RTF3CPE
Molecular formula: C₈H₆ClF₃O
Molecular weight: 210.58
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RTF3CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



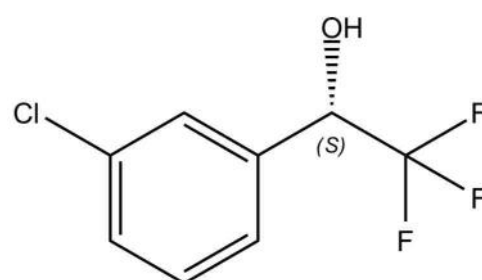
(S)-2,2,2-Trifluoro-1-(3-chlorophenyl)ethanol



CAS number: 1372452-83-9
Arran reference: STF3CPE
Molecular formula: C₈H₆ClF₃O
Molecular weight: 210.58
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/STF3CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



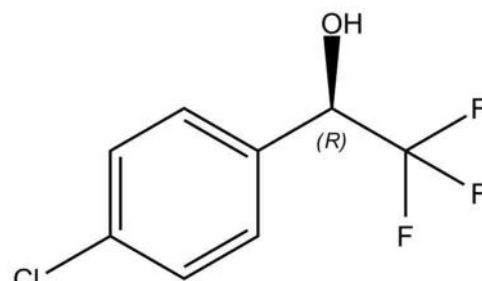
(R)-2,2,2-Trifluoro-1-(4-chlorophenyl)ethanol



CAS number: 80418-11-7
Arran reference: RTF4CPE
Molecular formula: C₈H₆ClF₃O
Molecular weight: 210.58
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RTF4CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



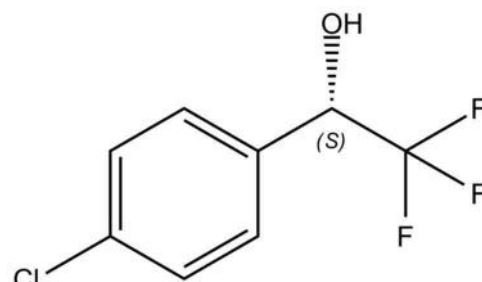
(S)-2,2,2-Trifluoro-1-(4-chlorophenyl)ethanol



CAS number: 72487-06-0
Arran reference: STF4CPE
Molecular formula: C₈H₆ClF₃O
Molecular weight: 210.58
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/STF4CPE/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



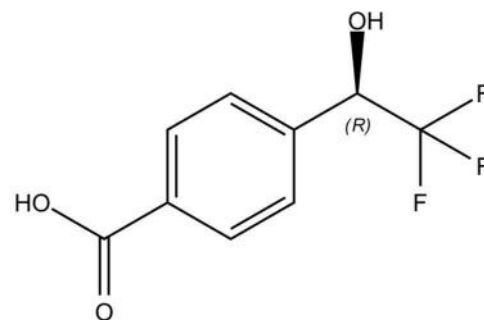
(R)-4-(2,2,2-Trifluoro-1-hydroxyethyl)benzoic acid



CAS number: 150821-42-4
Arran reference: RTFHEBA
Molecular formula: C₉H₇F₃O₃
Molecular weight: 220.15
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/RTFHEBA/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



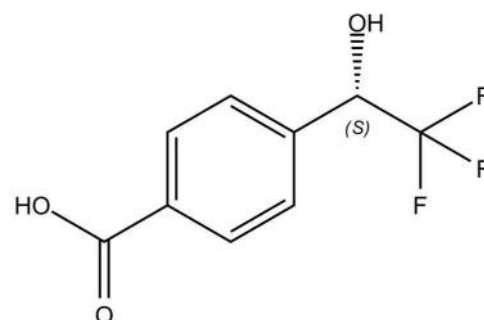
(S)-4-(2,2,2-Trifluoro-1-hydroxyethyl)benzoic acid



CAS number: 130534-97-3
Arran reference: STFHEBA
Molecular formula: C₉H₇F₃O₃
Molecular weight: 220.15
Product family: Chiral
Availability: Synthesis on demand

<https://arranchemical.ie/chiral/STFHEBA/>

Test	Specification
Purity	Not less than 95.0%
Enantiomeric excess	Not less than 97.5%



2,4,6-Tri-tert-butylpyrimidine



CAS number: 67490-21-5
Arran reference: TTBP
Molecular formula: C₁₆H₂₈N₂
Molecular weight: 248.41
Product family: Achiral
Availability: Typically in stock

<https://arranchemical.ie/achiral/TTBP/>

Test	Specification
Purity (GC)	Not less than 99.50%
Loss on drying	Not more than 0.5%

