

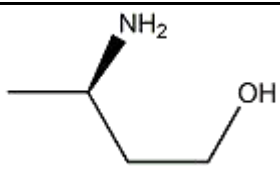
## Intermediates List

### 1. Ticagrelor intermediate

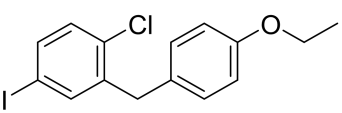
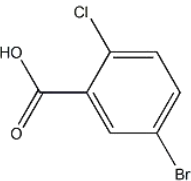
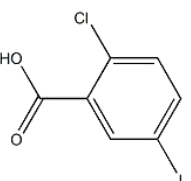
Intermediate Name	CAS No.	Structure	Current Scale
(aR)-a-Hydroxy-benzeneaceticacid compd. with (1R, 2S)-2-(3, 4-difluorophenyl) cyclopropanamine (1:1)	376608-71-8		Commercial
(1R, 2S)-2-(3, 4-difluorophenyl) cyclopropanamine hydrochloride	1156491-10-9		Commercial
2-((3aR, 4S, 6R, 6aS)-6-amino-2, 2-dimethyltetrahydro-3aH-cyclopenta[d][1, 3]dioxol-4-yloxy) ethanol (2R, 3R)-2, 3-dihydroxysuccinate	376608-65-0		Commercial
Ethanol, 2-[[[(3aR, 4S, 6R, 6aS)-6-[[5-amino-6-chloro-2-(propylthio)-4-pyrimidinyl]amino]tetrahydro-2, 2-dimethyl-4H-cyclopenta-1, 3-dioxol-4-yl]oxy]-	376608-74-1		Commercial
4,6-dichloro-2-(propylthio)-5-Pyrimidin-amine	145783-15-9		Commercial
Carbamate, N-[(3aS, 4R, 6S, 6aR)-tetrahydro-6-hydroxy-2, 2-dimethyl-4H-cyclopenta-1, 3-dioxol-4-yl]-, phenylmethyl ester	274693-53-7		Commercial

### 2. Dolutegravir intermediate

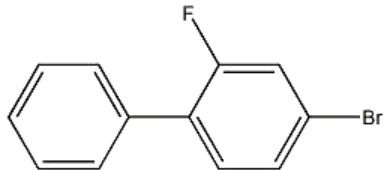
Intermediate Name	CAS No.	Structure	Current Scale
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(R) -3-AMINO-1-BUTANOL	61477-40-5		Commercial
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### 3. Dapagliflozin\ Empagliflozin intermediate

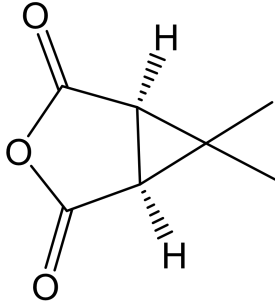
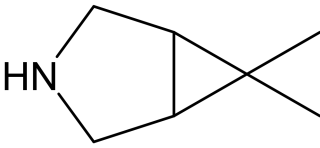
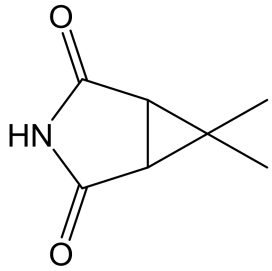
Intermediate Name	CAS No.	Structure	Current Scale
1-Chloro-2-(4-ethoxybenzyl)-4-iodobenzene	1103738-29-9		Commercial
5-Bromo-2-chlorobenzoic acid	21739-92-4		Commercial
2-Chloro-5-iodobenzoic acid	19094-56-5		Commercial

### 4. Flurbiprofen intermediate

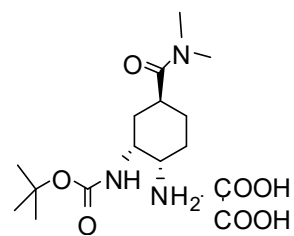
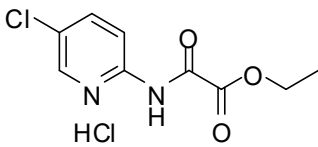
Intermediate Name	CAS No.	Structure	Current Scale
4-Bromo-2-fluorobiphenyl	41604-19-7		Commercial

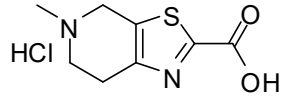
### 5. Boceprevir intermediate

Intermediate Name	CAS No.	Structure	Current Scale
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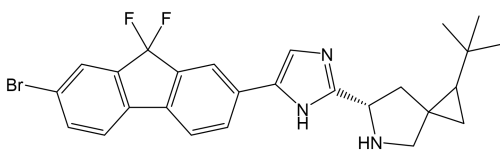
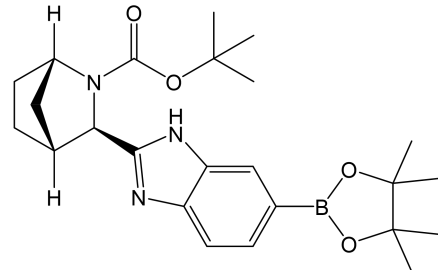
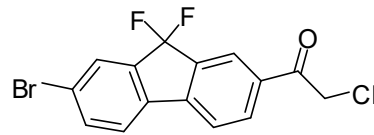
6,6-Dimethyl-3-oxabicyclo[3.1.0]hexane-2,4-dione	67911-21-1		Commercial
6,6-Dimethyl-3-azabicyclo[3.1.0]hexane	943516-54-9		Commercial
6,6-diMethyl-3-azabicyclo[3.1.0]hexane-2,4-dione	194421-56-2		Commercial

## 6. Edoxaban intermediate

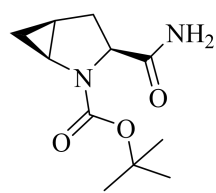
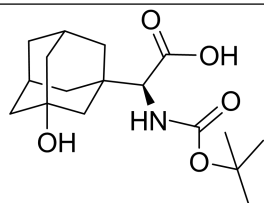
Intermediate Name	CAS No.	Structure	Current Scale
Carbamic acid, N- [(1R, 2S, 5S) - 2-amino-5- [(dimethylamino) carbonyl] cyclohexyl] - , 1, 1-dimethylethyl ester	365998-36-3		Commercial
Acetic acid, 2-[(5-chloro-2-pyridinyl)amino]-2-oxo-, ethyl ester, hydrochloride (1:1)	1243308-37-3		Commercial

5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxylic acid hydrochloride	720720-96-7		Commercial
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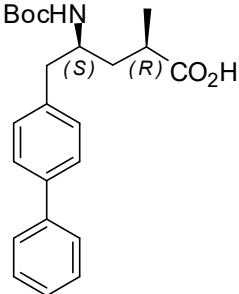
## 7. Ledipasvir intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(S)-tert-butyl 6-(5-(7-bromo-9,9-difluoro-9H-fluoren-2-yl)-1H-imidazol-2-yl)-5-azaspiro[2.4]heptane-	1441670-89-8		Commercial
(1R,3S,4S)-3-[6-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-benzimidazol-2-yl]-2-azabicyclo[2.2.1]heptane-2-carboxylic acid 1,1-dimethylethyl ester	1256387-87-7		Commercial
1-(7-bromo-9,9-difluoro-9H-fluoren-2-yl)-2-chloroethanone	1378387-81-5		Commercial

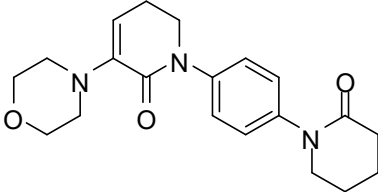
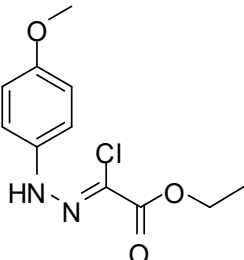
## 8. Saxagliptin intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(1S, 3S, 5S)-tert-butyl-3-carbamoyl-2-azabicyclo[3.1.0]hexane-2-carboxylate	361440-67-7		Commercial
(S)-N-Boc-3-hydroxyadamantylglycine	361442-00-4		Commercial

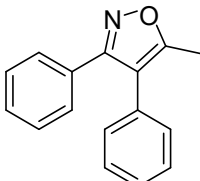
## 9. LCZ696 intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(2R,4S)-5-(biphenyl-4-yl)-4-(tert-butylcarboxylamino)-2-methylpentanoic acid	1012341-50-2		Commercial

### 10. Apixaban intermediate

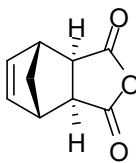
Intermediate Name	CAS No.	Structure	Current Scale
3-morpholino-1-(4-(2-oxopiperidin-1-yl)phenyl)-5,6-dihydropyridin-2(1H)-one	545445-44-1		Commercial
(Z)-ethyl 2-chloro-2-(2-(4-methoxyphenyl)hydrazono)acetate	27143-07-3		Commercial

### 11. Parecoxib sodium intermediate

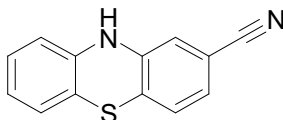
Intermediate Name	CAS No.	Structure	Current Scale
5-methyl-3,4-diphenylisoxazole	37928-17-9		Commercial

### 12. Lurasidone intermediate

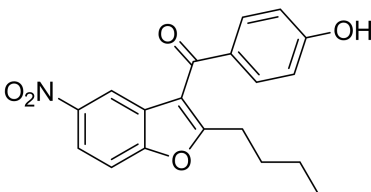
Intermediate Name	CAS No.	Structure	Current Scale
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(3a,7a)-3a,4,7,7a-tetrahydro-4r,7c-methano-isobenzofuran-1,3-dione	2746-19-2		Commercial
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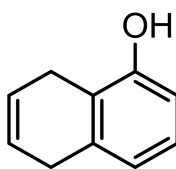
### 13. Cyanmemazine and Promethazine intermediate

Intermediate Name	CAS No.	Structure	Current Scale
phenthiazine-2-carbonitrile	38642-74-9		Commercial

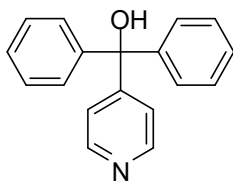
### 14. Dronedarone intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(2-Butyl-5-nitrobenzofuran-3-yl)(4-hydroxyphenyl)methanone	141645-16-1		Commercial

### 15. Nadolol intermediate

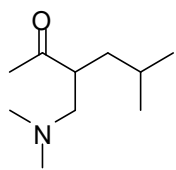
Intermediate Name	CAS No.	Structure	Current Scale
5,8-dihydronaphthalen-1-ol	27673-48-9		>100 Kg

### 16. Fexofenadine intermediate

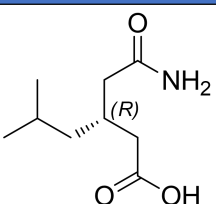
Intermediate Name	CAS No.	Structure	Current Scale
diphenyl(4-pyridyl)methanol	1620-30-0		Commercial

### 17. Tetrabenazine intermediate

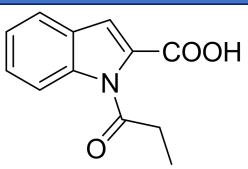
Intermediate Name	CAS No.	Structure	Current Scale
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3-((dimethylamino)methyl)-5-methylhexan-2-one	91342-74-4		Commercial
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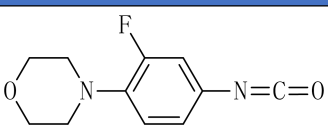
### 18. Pregabalin intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(R)-3-(2-amino-2-oxoethyl)-5-methylhexanoic acid	181289-33-8		Commercial

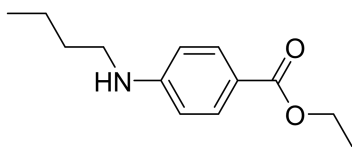
### 19. Perindopril intermediate

Intermediate Name	CAS No.	Structure	Current Scale
1-propionyl-1H-indole-2-carboxylic acid	N		Commercial

### 20. Linezolid intermediate

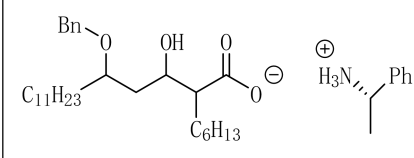
Intermediate Name	CAS No.	Structure	Current Scale
3-fluoro-4-(4'-morpholinyl)-1-phenyl isocyanate	224323-51-7		Commercial

### 21. Benzoyl ester and tetracaine intermediate

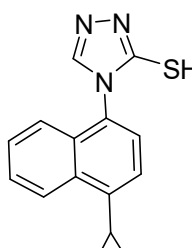
Intermediate Name	CAS No.	Structure	Current Scale
Ethyl 4-(butylamino)benzoate	94-32-6		Commercial

### 22. Orlistat intermediate

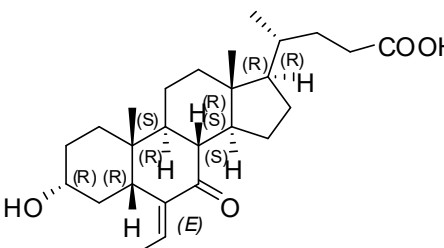
Intermediate Name	CAS No.	Structure	Current Scale
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(2S, 3S, 5R)-5-benzyloxy-2-hexyl-3-hydroxydecanoic acid, (S)-alpha-methylbenzylamine salt	137433-01-3		Commercial
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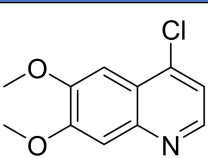
### 23. Resinad intermediate

Intermediate Name	CAS No.	Structure	Current Scale
4-(4-cyclopropyl-naphthalen-1-yl)-4H-1,2,4-triazole-3-thiol	1533519-84-4		Commercial

### 24. Obeticholic Acid intermediate

Intermediate Name	CAS No.	Structure	Current Scale
(E)-3α-hydroxy-6-ethylidene-7-keto-5β-cholan-24-oic acid	1516887-33-4		Commercial

### 25. Cabozantinib intermediate

Intermediate Name	CAS No.	Structure	Current Scale
4-Chloro-6,7-dimethoxyquinoline	35654-56-9		Commercial