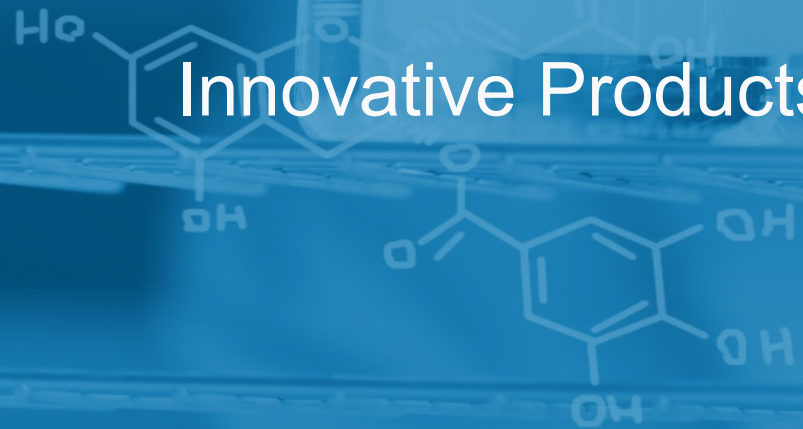


Aozeal AOzeal[®] Certified Standards
Innovative Products With High Standards

Aozeal Certified Standards, Inc

Innovative Products with High Standard



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About us

Brief Introduction



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Featured Product



Our Services

Custom Services



Partners

Worldwide Bussiness
and Supply Chain

Who we are

Aozeal Certified Standards (AOCS), Inc. is a high-tech bio-pharmaceutical company specialized in synthesis and supply of API impurities and other pharmaceutical reference standards with customers' desired purity, characterization and QTY. We are engaged in the business of pharmaceutical reference standards for many years.



10000 API Impurities

1500 API Standards

1200 Intermediates and other reference standards



Do's





HPLC



NMR

R&D Equipment



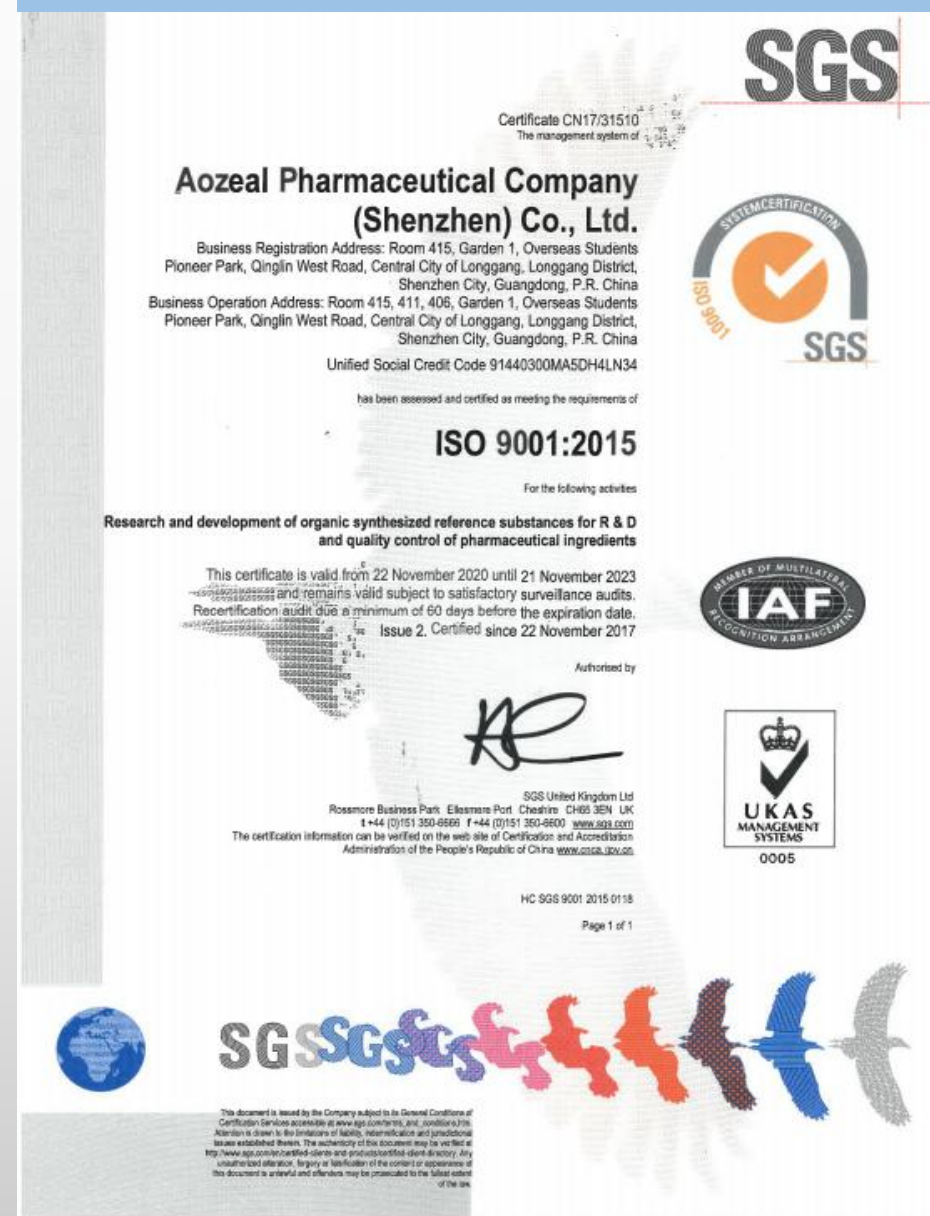
LC-MS

- LC-MS
- NMR
- GC
- HPLC
- IR
- TGA
- Karl Fischer Titrator
- LOD
- ICP-MS

Why choose us

- We have our own research lab equipped with advanced technology and smart team for organic synthesis and biosynthesis. Our laboratory is awarded ISO 9001:2015 Quality Management System certification. Our products are mainly used for R&D of pharmaceutical and bio-tech corporations, clinical and biological CROs, as well as universities, hospitals and other research institutions. Up to now, we have established long-term in-depth cooperation with many customers all over the worldwide.
- Up to now, AOCS diversified product lines cover a wide range of fields, which enable us provide high-quality products and R&D services to numerous worldwide clients. In addition AOCS establish long-term in-depth cooperations with many pharmas, bio-tech corporations, clinical and biological analysis CROs, as well as universities, hospitals and other research institutions.

ISO9001:2015



Products





Nervous System



Cerebral-Vascular System



Anti-infection



**Antineoplastic Drugs and
Immunization Drugs**



Antiviral

Products Classification



Digestive and Metabolic System



Respiratory System



Blood and Hematopoietic Organs



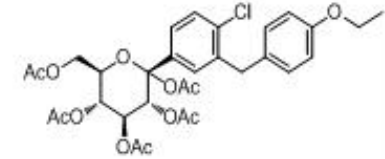
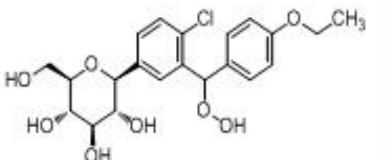
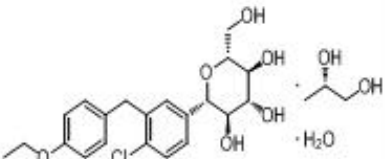
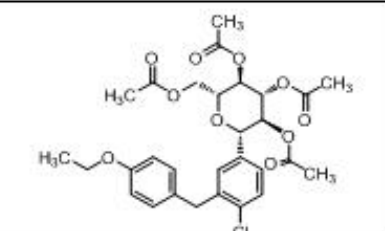
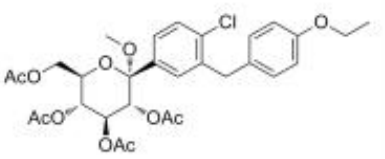
**Urogenital System and Sex
Hormones**



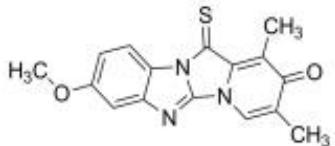
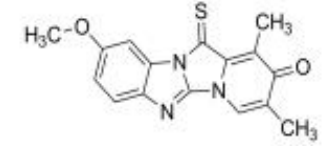
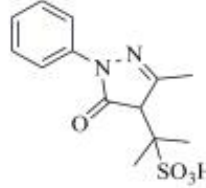
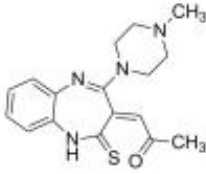
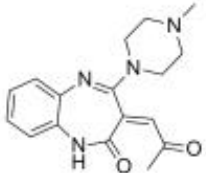
Analgesic Medication

AOCS offer the most comprehensive source of reference standards, to browse product information online, please visit www.aozeal.com.

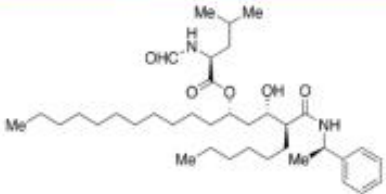
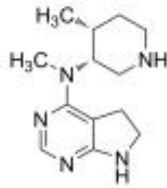
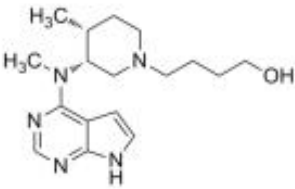
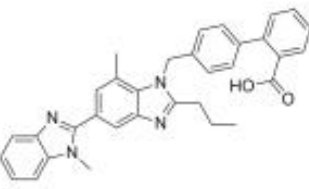
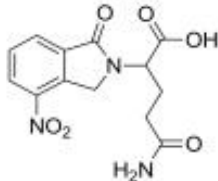
Featured Products

Catalog #	Product Name	CAS #	Structure	Specific Purity	Mol. Formula	Mol. Weight	Stock Information
D0071.61	Dapagliflozin Impurity 61	NA		99.73%	C ₃₁ H ₃₅ ClO ₁₂	635.06	In stock
D0071.66	Dapagliflozin Impurity 66	NA		98.15%	C ₂₁ H ₂₅ ClO ₈	440.87	In stock
D0071.67	Dapagliflozin Impurity 67	NA		99.36%	C ₂₄ H ₃₅ ClO ₉	502.2	In stock
D0071.26	Dapagliflozin Impurity 26	461432-25-7		97.21%	C ₂₉ H ₃₃ ClO ₁₀	577.02	In stock
D0071.32	Dapagliflozin Impurity 32	NA		97.22%	C ₃₀ H ₃₅ ClO ₁₁	607.05	In stock

Featured Products

Catalog #	Product Name	CAS#	Structure	Specific Purity	Mol. Formula	Mol. Weight	Stock Information
O0004.08	Omeprazole Impurity F (EP)	125656-82-8		98.49%	C ₁₆ H ₁₃ N ₃ O ₂ S	311.36	In stock
O0004.09	Omeprazole Impurity G (EP)	125656-83-9		99.19%	C ₁₆ H ₁₃ N ₃ O ₂ S	137.18	In stock
E0063.06	Edaravone Impurity 6	1323485-71-7		97.15%	C ₁₃ H ₁₆ N ₂ O ₄ S	296.34	In stock
O0001.10	Olanzapine Thiolactam	1017241-36-9		98.83%	C ₁₇ H ₂₀ N ₄ O ₂ S	328.43	In stock
O0001.08	Olanzapine Lactam	1017241-34-7		98.21%	C ₁₇ H ₂₀ N ₄ O ₂	312.37	In stock

Featured Products

Catalog #	Product Name	CAS#	Structure	Specific Purity	Mol. Formula	Mol. Weight	Stock Information
O0010.08	Orlistat Impurity 4	NA		98.23%	C37H64N2O5	616.91	In stock
Q0009.04	Tofacitinib citrate Impurity 70	1812890-23-5		99.93%	C13H21N5	247.34	In stock
Q0009.05	Tofacitinib citrate Impurity 71	NA		97.15%	C17H27N5O	317.43	In stock
T0002.02	Telmisartan Impurity B	1026353-20-7		99.36%	C33H30N4O2	514.61	In stock
L0024.07	Lenalidomide Impurity 13	874760-71-1		99.77%	C13H13N3O6	307.26	In stock

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Product Information

Compound Name

Pitavastatin Impurity 36

Synonyms

tert-butyl 2-((4R,6S)-6-(hydroxymethyl)-2,2-dimethyl-1,3-dioxan-4-yl)acetate

Chemical Formula

C₁₃H₂₄O₅

Molecular Weight

260.33

Catalogue Number

P0071.46

Lot No.

COP-460-23

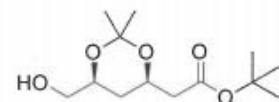
Solubility

MeOH, CHCl₃

Storage Conditions

2 - 8°C

Re-test Date: Aug. 26, 2023



CAS No. : 124655-09-0

Analytical Information

Appearance

Yellow Oil

Method for Determining Identify

MS, ¹H NMR (CDCl₃), ¹³C NMR (CDCl₃), IR, NOESY

Purity (HPLC)

95.74%

Potency (TGA)

94.55%

CERTIFICATE OF ANALYSIS

QA Manager

Tel: +1 (510) 225-4077
Fax: +1 (510) 373-2446

Laboratory Director

<http://www.aozeal.com>
[E-mail: info@aozeal.com](mailto:info@aozeal.com)

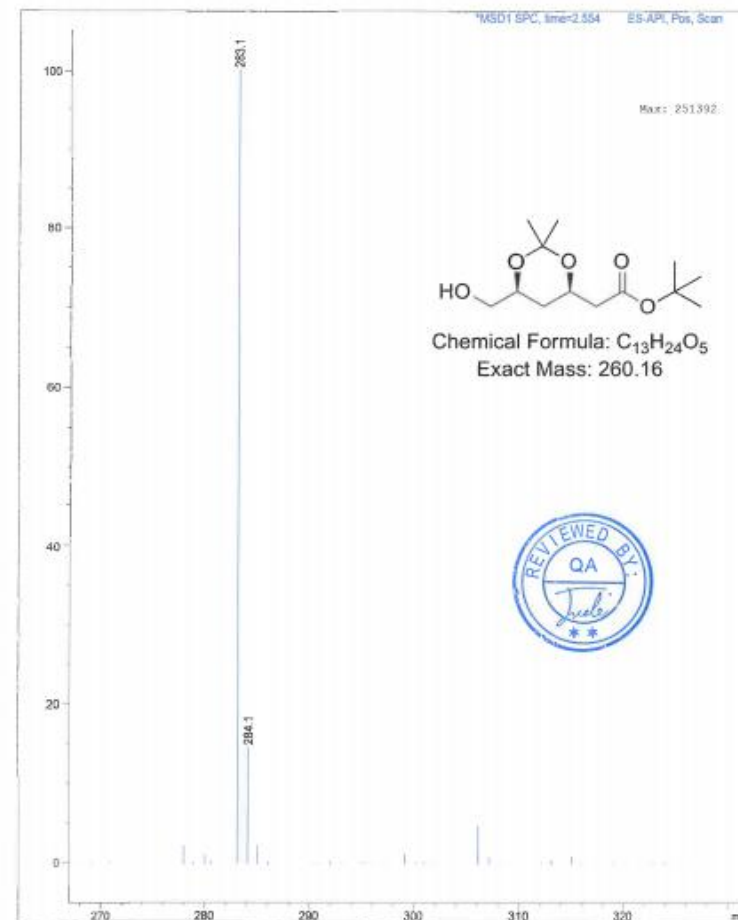
Certificate & Spectrum

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I. MS Spectrum



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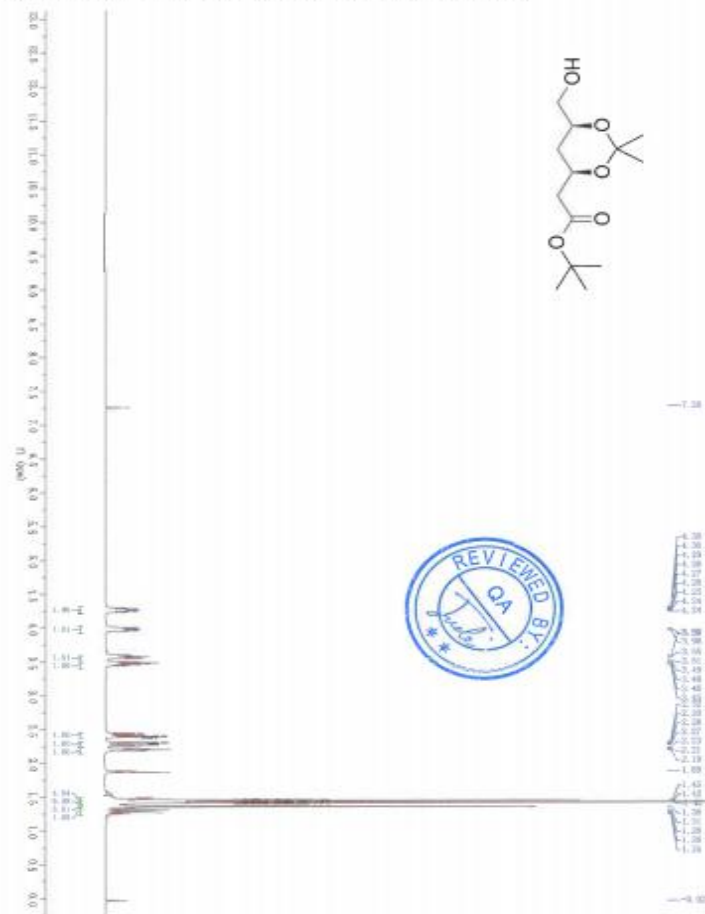
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II. ¹H NMR Spectrum

Conditions: 400 MHz, CDCl₃

The structure is confirmed with the signals of the spectrum and their interpretation.



Certificate & Spectrum

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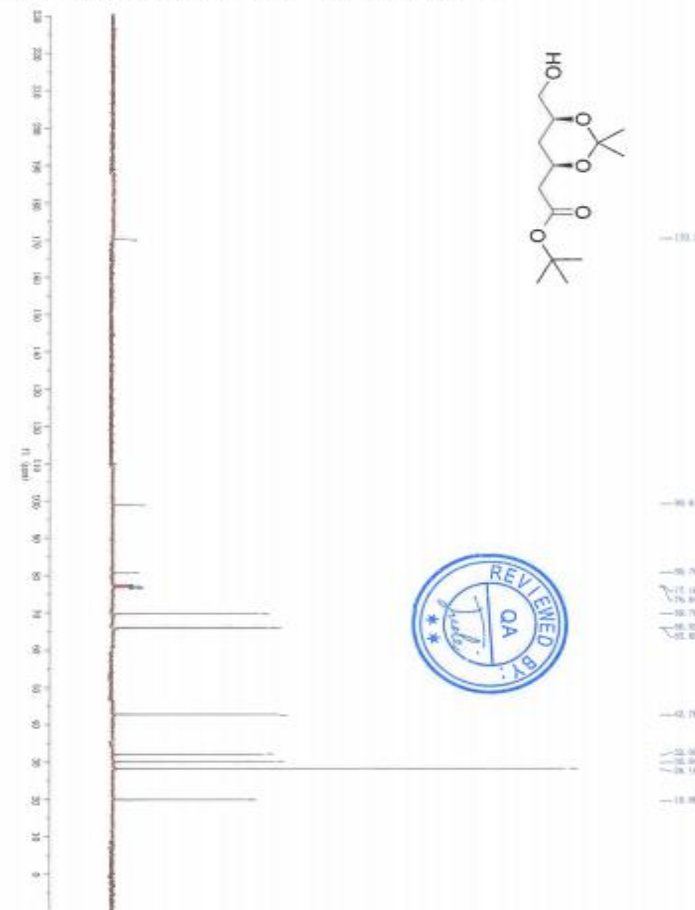
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III. ¹³C NMR Spectrum

Conditions: 400 MHz, CDCl₃

The structure is confirmed with the signals of the spectrum and their interpretation.

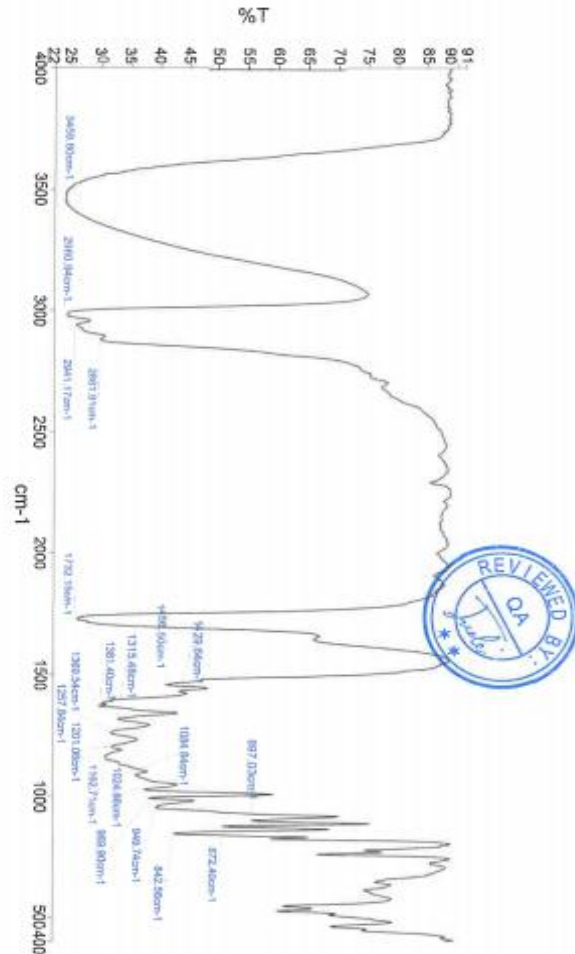


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IV. IR Spectrum



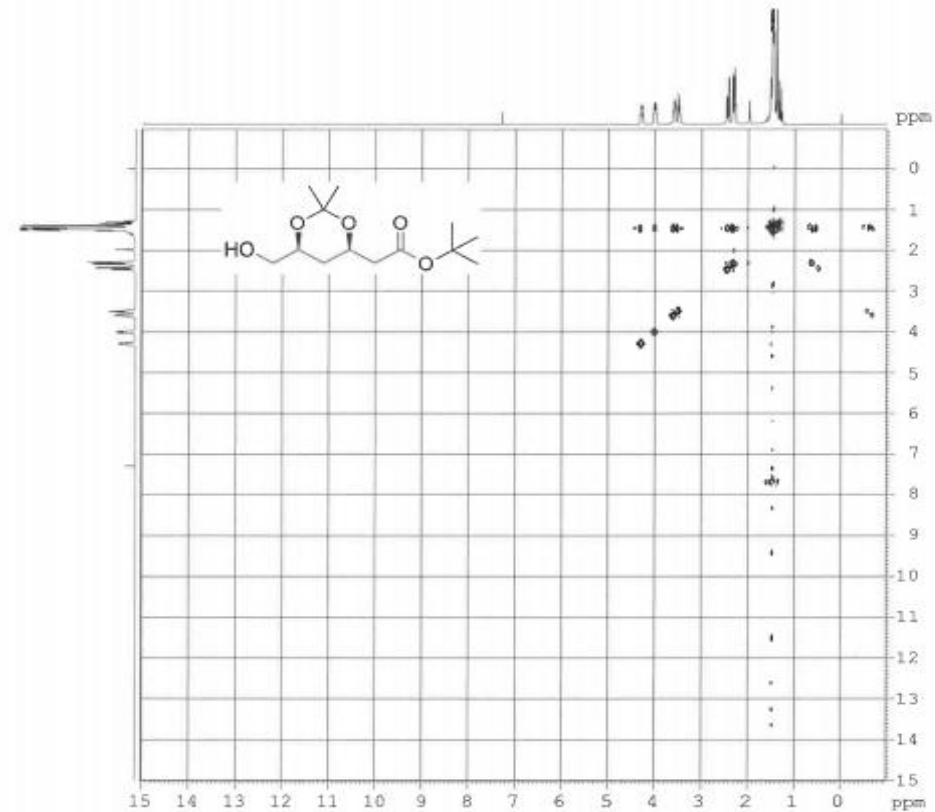
Certificate & Spectrum

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V. NOESY Spectrum-1

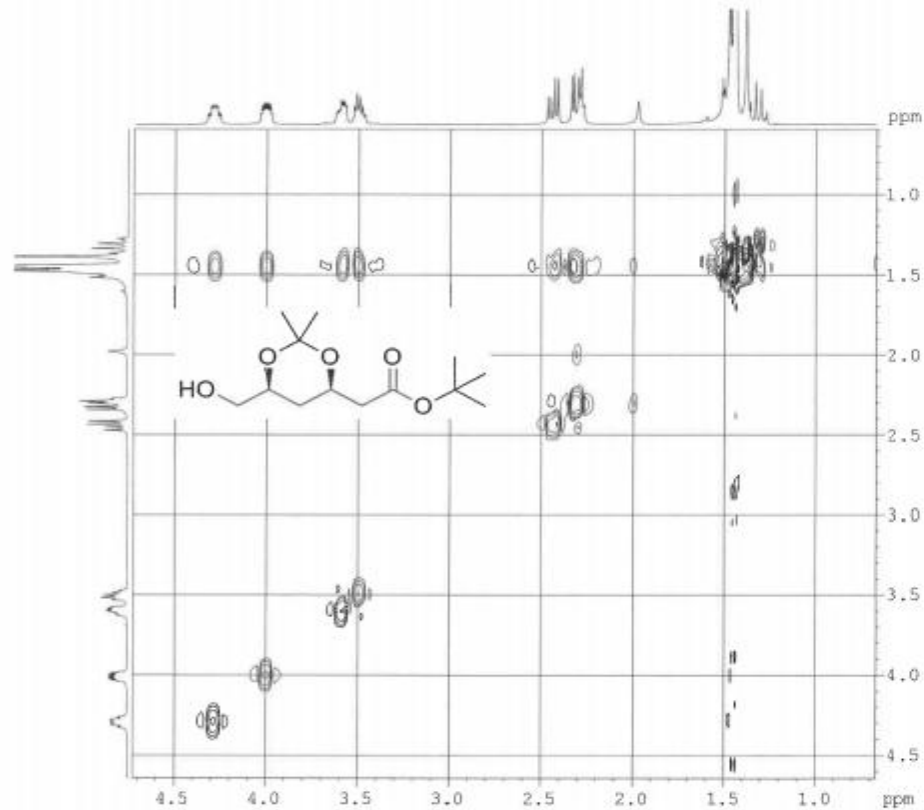


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NOESY Spectrum-2



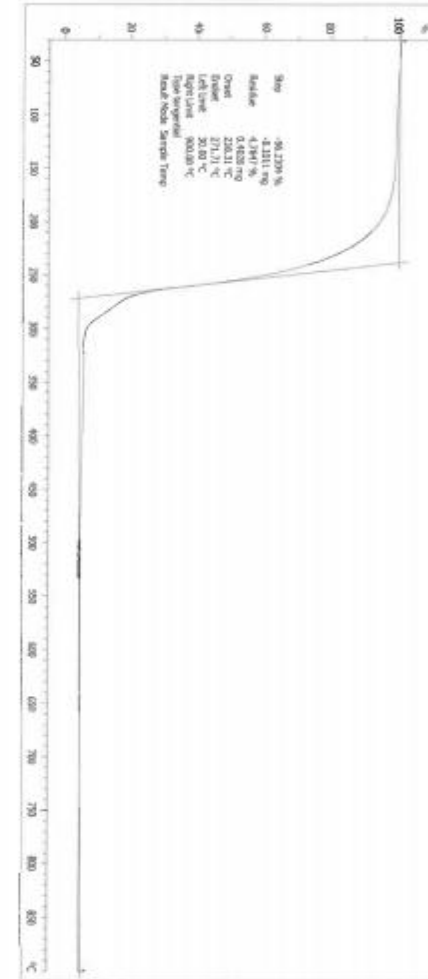
Certificate & Spectrum

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VI. TGA Spectrum



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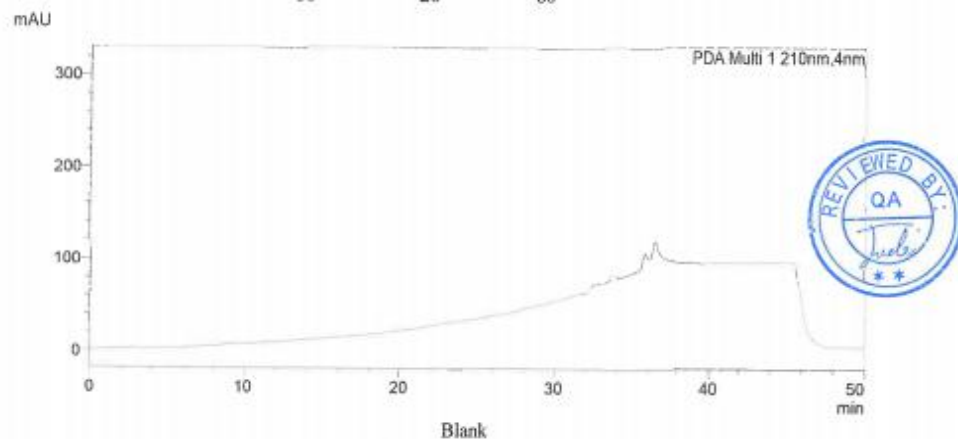
VII. HPLC Spectrum

Injection Date : 08/27/2020 15:13:28

HPLC Conditions:

Column : Luna C18(3) 4.6×250 mm, 10 μm
Flow rate : 1.0 mL/min
Detection : Sig=210 nm
Injection : 10 μL
Column temperature : 35°C
Mobile phase : A: Methanol
B: Dissolve 10 mmol ammonium dihydrogen phosphate and 1mL phosphoric acid, dilute to 1000 mL with water

Time(Min)	A(%)	B(%)
0	20	80
30	80	20
40	80	20
40.01	20	80
50	20	80



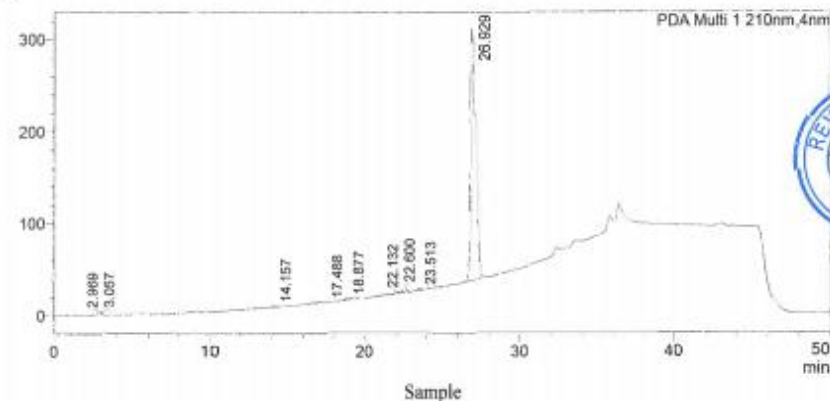
Certificate & Spectrum

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mAU



Area Percent Report

Peak #	Ret.Time	Area	Height	Area %
1	2.969	31667	2864	0.503
2	3.057	14827	3049	0.235
3	14.157	15330	1061	0.243
4	17.488	29872	88	0.474
5	18.877	17191	1207	0.273
6	22.132	30862	1784	0.490
7	22.600	100541	6831	1.596
8	23.513	27935	1779	0.443
9	26.929	6032898	273383	95.743
Totals		6301124	292045	100.000

03 Our Services



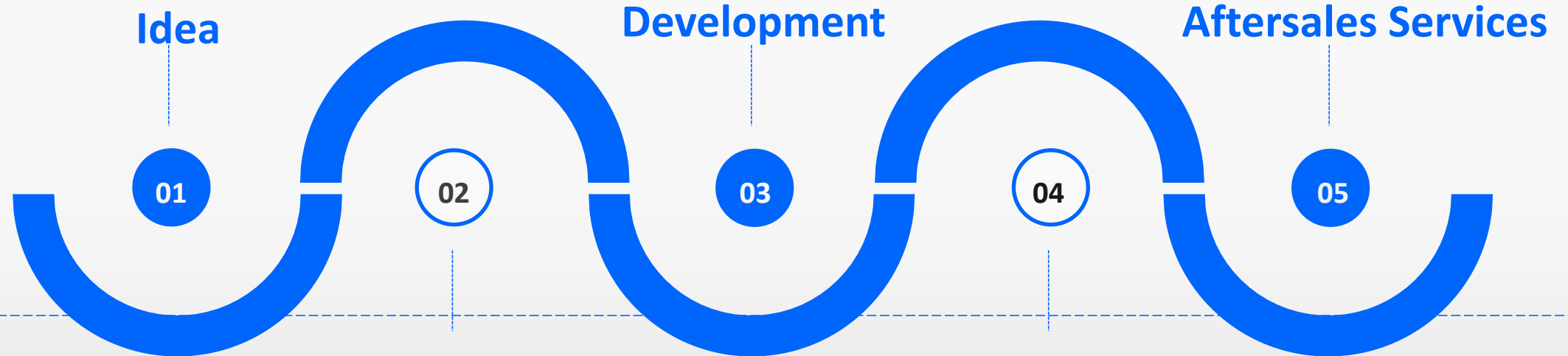
Aozeal

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You tell us what kind of service you want and list your requirements.

Our professional teams do the synthesis, analysis and packaging work successively.

Our professional technical support will help you



We design a set of proposals and make a plan to realize your idea.

We send the final desired product to you.

Our Professional Teams

Our company has several professional teams collaborating mutually to achieve high level services



Research & Development



QC&QA



Sales



Purchase



Financial



Warehouse

Custom Services

Do our best to meet our customer request about every detail.

01 | CUSTOM SYNTHESIS

- Aozeal Certified Standards (AOCS), Inc. has a great research group of PhD and Master Chemists with profound organic synthesis experience and excellent teamwork.
- Our research group has a proven track record for delivering custom synthesis projects and specially designed molecules with quantity and quality as per client required.

02 | CUSTOM ANALYSIS

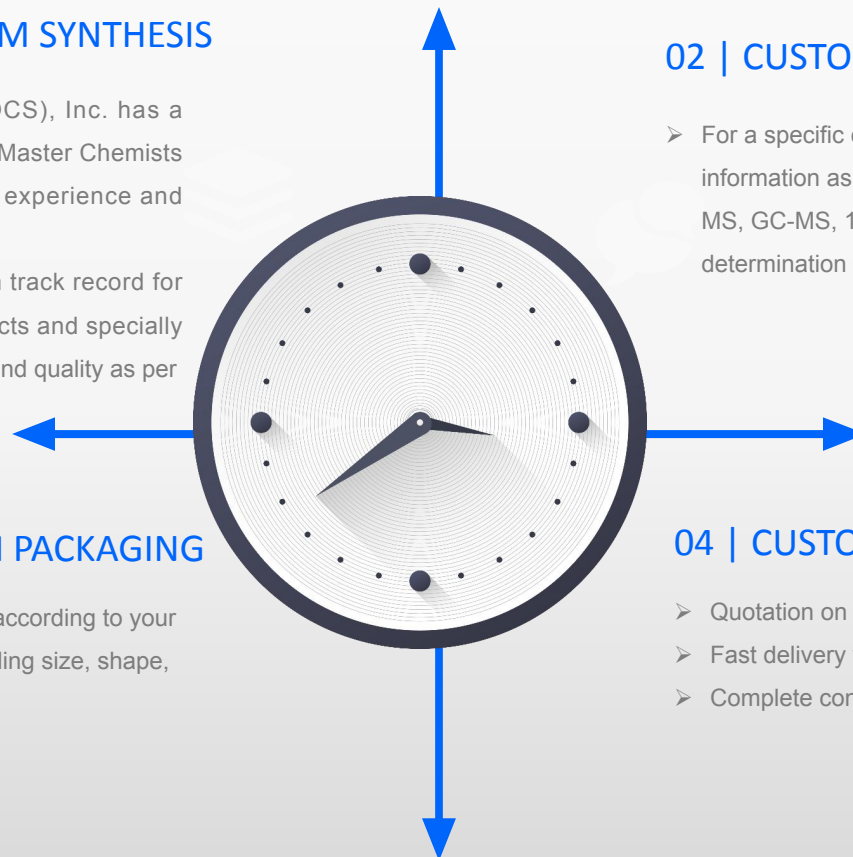
- For a specific compound, you can get the analytical information as you wanted, including: HPLC purity, LC-MS, GC-MS, 1H NMR, 13C NMR, 2D NMR, IR, water determination (Karl Fischer method), etc.

03 | CUSTOM PACKAGING

- The packaging is designed according to your specific requirements, including size, shape, material and condition.

04 | CUSTOMER SERVICES

- Quotation on client's request within 7-12 hours.
- Fast delivery within 1-2weeks for in stock items.
- Complete confidentiality of all orders is assured.





04 Partners

International Business

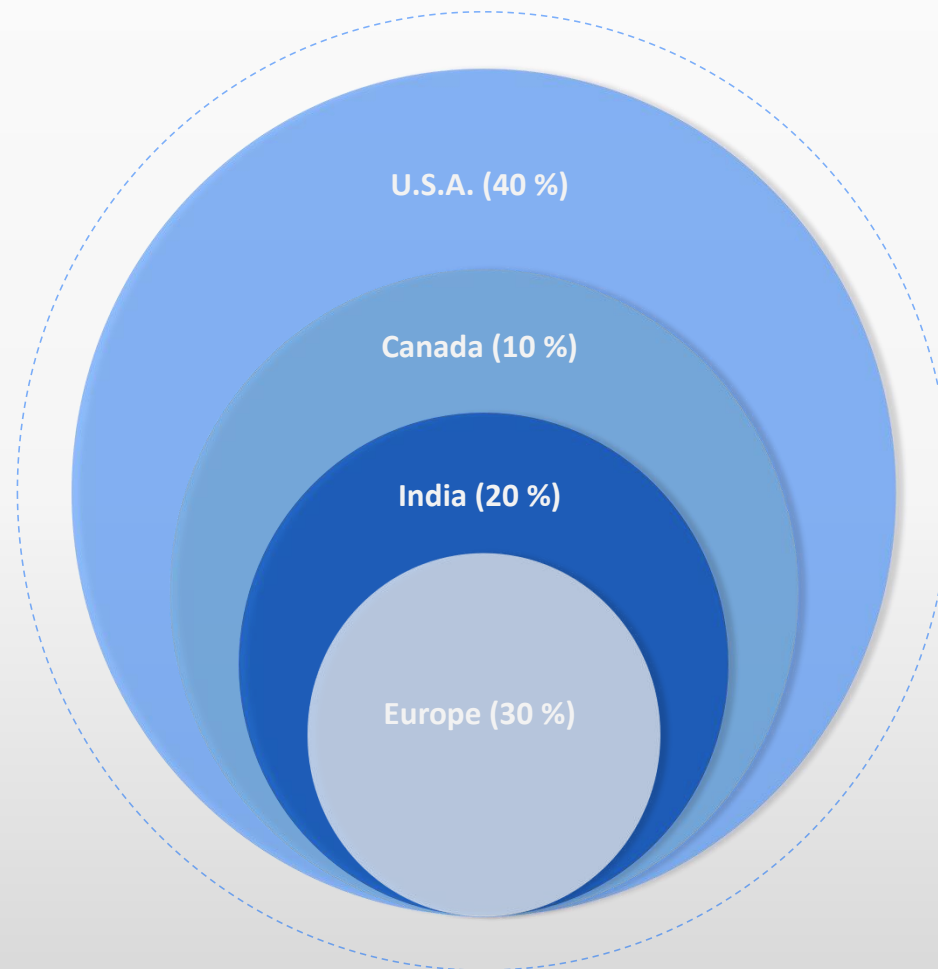
After years of development in the field of manufacturing API impurities and Pharmaceutical reference substances, AOZEAL have provided high-quality products and R&D services to numerous worldwide clients.

We fully understand our quick development over the past years derived from our valued customers' trust and will consistently provide all our customers with more comprehensive and convenient products and services.

Our Worldwide Partners

We establish long-term in-depth cooperation with many worldwide pharma, bio-tech corporations, clinical and biological analysis CROs, as well as universities, hospitals and other research institutions.

Especially, our customers including very famous peer company like USP, EP, LGC, Clearsynth, pharmaffiliate, etc.



Thanks for Your Attention



For further custom synthesis reference materials and request a quote, contact us at:



Aozeal Certified Standards, Inc

1151 Harbor Bay Parkway, Suite 208H United States, Alameda, CA 94502



Phone: +1 (510) 225-4077; +1 (800) 683-8135

Fax: +1 (510) 373-2446

E-mail: info@aozeal.com

Web: www.aozeal.com