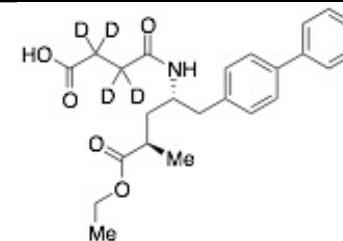


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number S080897
Lot Number 1-HDS-30-1

Product Name
Sacubitril-d4

StructureSynonyms

[S-(R*,S*)]-[1,1'-Biphenyl]-4-pentanoic Acid,γ-[(3-carboxy-1-oxopropyl)amino]-
α-methyl-Ethyl Ester-d4;

CAS Number

1884269-07-1

Solubility

Chloroform (Slightly), DMSO
(Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular FormulaC₂₄H₂₅D₄NO₅Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

415.52

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Pale Yellow Gel to Solid	Clear Colourless Sticky Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.25, %H: 7.26, %N: 3.17
HPLC Purity	>95%	99.88% (255 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.6%
Specific Rotation	Report Result	-24.2° (c = 0.2, Chloroform)

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.04%, d₃ = 5.72%, d₄ = 94.24%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/2/2022	7/31/2026

Nicole Yip
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

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Jr. Quality Assurance