

1. Identification

Catalogue Number

L375732

Lot Number

11-SRR-54-1

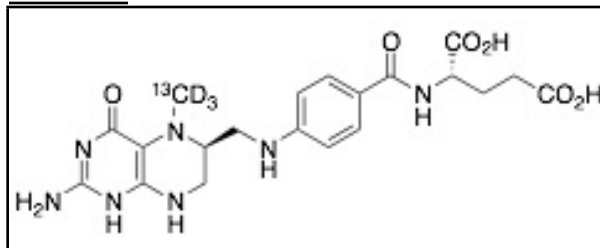
Product Name

Levomefolic Acid-13C,d3

Synonyms

N-[4-[[[(6S)-2-Amino-3,4,5,6,7,8-hexahydro-5-(methyl-13C,d3)-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid; (6S)-5-(Methyl-13C,d3)tetrahydrofolic Acid; 5-Methyl-(6S)-tetrahydrofolic Acid-13C,d3; LMSR; L-N5-13C,d3; Methyl-L-tetrahydrofolic Acid-13C,d3;

Structure



CAS Number

1356019-94-7

Solubility

Aqueous Base (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉¹³CH₂₂D₃N₇O₆

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

463.47

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

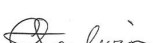
<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Brown Solid	Light Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.93, %H: 5.25, %N: 20.01
HPLC Purity	>95%	95.28% (290 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.6%

Additional Information

Normalized Intensity: d₀ = 0.09%, d₁ = 1.66%, d₂ = 1.38%, d₃ = 1.66%, d₄ = 95.21%

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>
			4/10/2024	4/8/2028
Meenakshi Sharma	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		