

1. Identification

Catalogue Number

L173252

Lot Number

6-SHT-143-2

Product Name

Lamotrigine-13C3

Synonyms

6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine-13C3; 3,5-Diamino-6-(2,3-dichlorophenyl)-1,2,4-triazine-13C3; BW 430C-13C3; LTG-13C3; Lamictal-13C3; Lamictal XR-13C3; Lamotrigine-13C3;

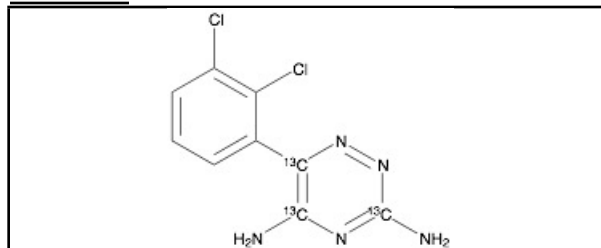
CAS Number

1188265-38-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆¹³C₃H₇Cl₂N₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

259.07

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	98.36% (210 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9%

Additional Information

Normalized Intensity: ¹³C₀ = 0.00%, ¹³C₁ = 0.00%, ¹³C₂ = 3.23%, ¹³C₃ = 96.77%

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>
			10/11/2023	10/9/2027
Nicole Yip	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		