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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2025

Product Name: Lacosamide EP Impurity C

Identification:

Chemical Name: (R)-N-Benzyl-3-methoxy-2-(N-methylacetamido)propanamide (as per USP)

Synonyms : N-Methyl Lacosamide

CAS Number : 2742962-60-1

CAT Number : CP-L8003

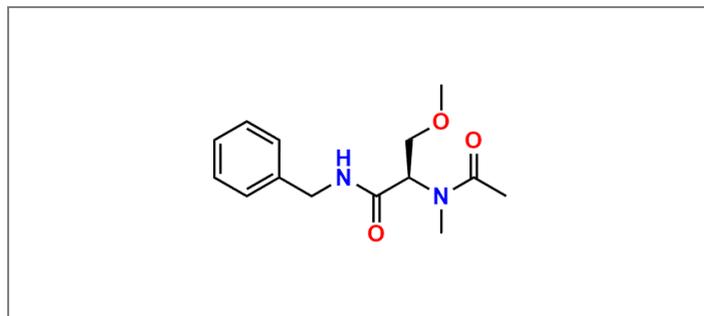
Molecular Formula : C₁₄H₂₀N₂O₃

Molecular Weight : 264.32

Batch Number : CHEM-NM-01

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Sticky Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.82%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.