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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Lacosamide EP Impurity D

Identification:

Chemical Name: (2R)-2-Amino-3-methoxy-N-(phenylmethyl)-propanamide

Synonyms : Lacosamide N-Desacetyl
Impurity

CAS Number : 196601-69-1

CAT Number : CP-L8004

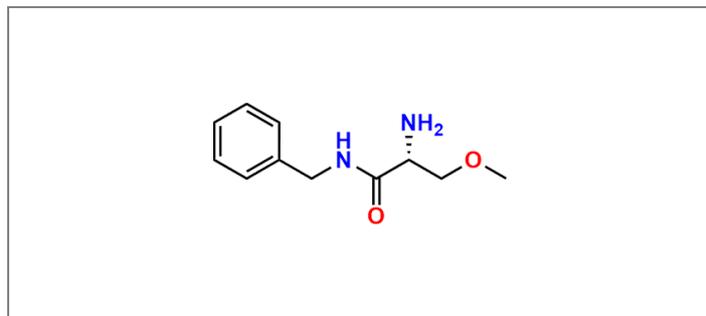
Molecular Formula : C₁₁H₁₆N₂O₂

Molecular Weight : 208.26

Batch Number : CP-LOC-D-1025

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	Colorless Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.76%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	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.