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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

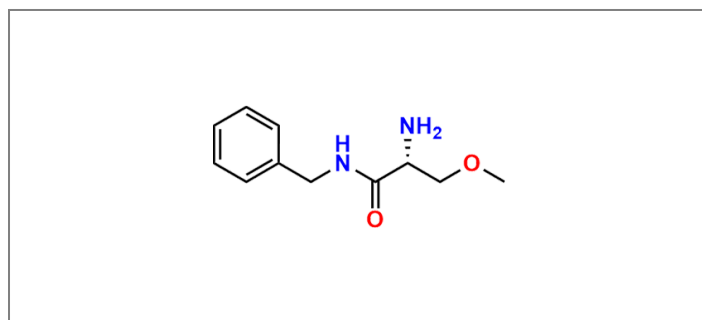
Molecular Formula : C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

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 Spectrometry	Confirm to structure
4)	Purity By HPLC	99.76%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	-



### Prepared and Reviewed By

  
Mr. Shubham Bondre  
(Quality Control)

### Approved By

  
Mr. Abhijit Kale  
(Quality Assurance)

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