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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2023

Re-test Date: Jan 2026

**Product Name: Lacosamide EP Impurity D**

### Identification:

Chemical Name: (R)-2-Amino-N-benzyl-3-methoxypropionamide

Synonyms : Lacosamide N-Desacetyl  
Impurity

CAS Number : 196601-69-1

CAT Number : CP-L8004

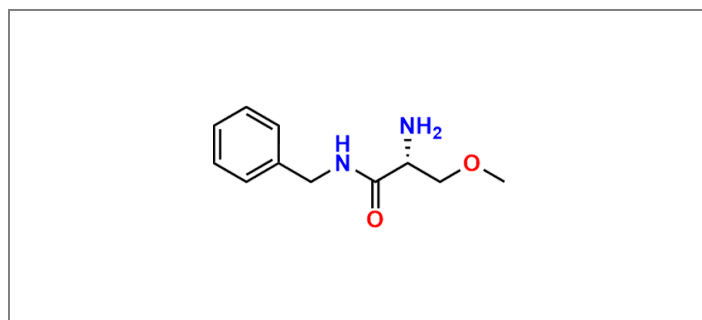
Molecular Formula : C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 208.26

Batch Number : CHEM-LAC-D-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	Light Yellow Oil
2)	Solubility	Soluble in Methanol
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.08%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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