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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Lacosamide EP Impurity A

Identification:

Chemical Name: (2S)-2-acetamido-N-benzyl-3-methoxypropanamide (as per EP)

Synonyms : Lacosamide S-Enantiomer ;
Lacosamide S-isomer

CAS Number : 175481-37-5

CAT Number : CP-L8001

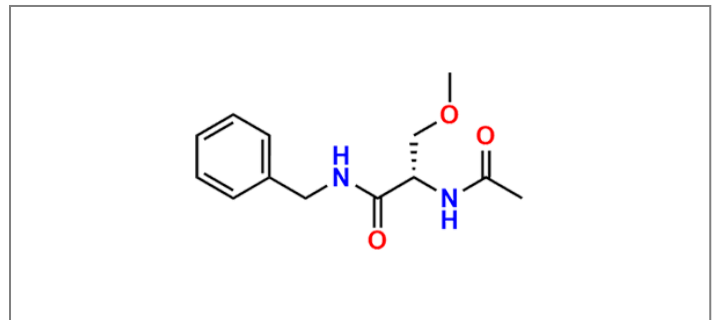
Molecular Formula : C₁₃H₁₈N₂O₃

Molecular Weight : 250.30

Batch Number : CP-LAC-A-1224

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
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.