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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Lacosamide EP Impurity F

Identification:

Chemical Name: (2R)-2-(Acetylamino)-3-hydroxy-N-(phenylmethyl)propanamide

Synonyms : Lacosamide O-Desmethyl
Impurity

CAS Number : 175481-38-6

CAT Number : CP-L8006

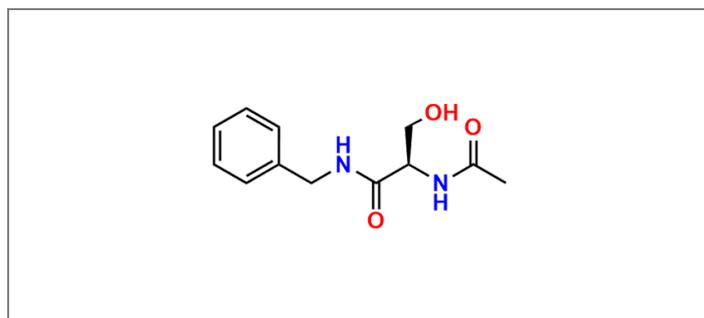
Molecular Formula : C₁₂H₁₆N₂O₃

Molecular Weight : 236.27

Batch Number : CP-29-229

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	92.50%
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.