

CERTIFICATE OF ANALYSIS

(Certificate No. KML008058-01)

Release Date: 02/09/2024

Re-test Date: 01/09/2027

N-BOC AMINO LACOSAMIDE

Identification

Chemical Name :

(R)-2-(tert-butoxycarbonylamino-N-benzyl-3-methoxy propionamide; Tert-butyl (R)-(1-(benzylamino)-3-methoxy-1-oxopropan-2-yl)carbamate

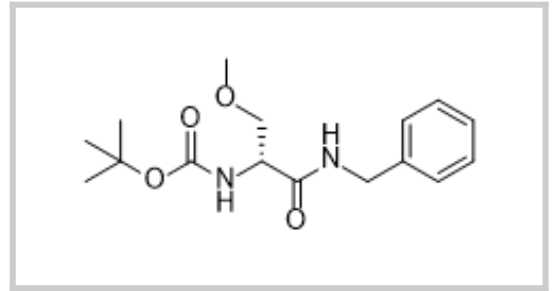
Alt. Name : Lacosamide Impurity 23

CAT No. : KML008058

CAS No. : 880468-89-3

Molecular Formula : C₁₆H₂₄N₂O₄

Molecular Weight : 308.4



Analytical Information

Batch No. : L008058-073-360

Description : Off white solid

HPLC Purity : 98.02 %

Weight Loss By TGA : 2.72 %

% Potency : 95.35 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.72(Weight Loss By TGA)] x [98.02(HPLC Purity)]/100 = 95.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/09/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA