CERTIFICATE OF ANALYSIS

(Certificate No. KML008012-02)

Release Date: 21/09/2026 **Re-test Date:** 20/09/2029

LACOSAMIDE EP IMPURITY C

Identification

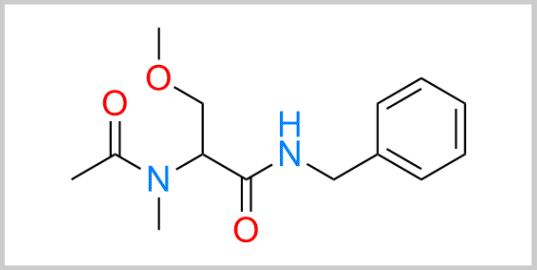
Chemical Name :
(2E)-N-benzyl-3-methoxy-2-(N-methylacetamido)propanamide

CAT No. : KML008012

CAS No. : Not Available

Molecular Formula : C14H20N2O3

Molecular Weight : 264.3



Analytical Information

Batch No.	: L008012-136-206	**Solubility**	: Acetonitrile
Description	: Yellow Syrup	**Mass**	: Confirm
HPLC Purity	: 95.35 %	**IR**	: Confirm
Weight Loss By TGA	: 2.47 %	**1H NMR**	: Confirm
% Potency	: 92.99 %		

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 - 2.47(Weight Loss By TGA)] x [95.35(HPLC Purity)]/100 = 92.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA