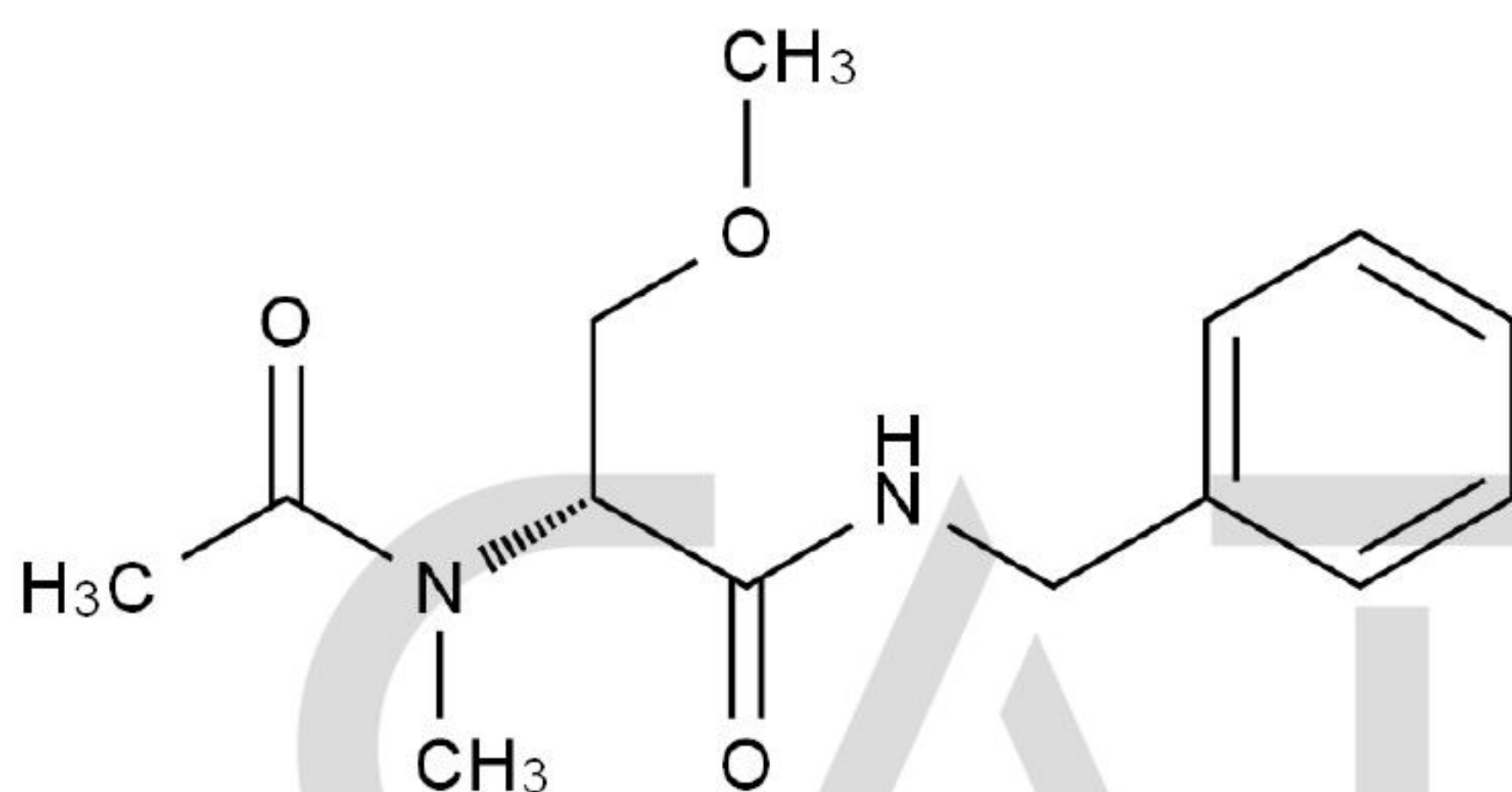


Certificate of Analysis

Reference Material & Standard

Product Name:	Lacosamide EP Impurity C (R-isomer)	Catalogue Number:	C4X-18304
Synonyms:	(R)-N-Benzyl-3-methoxy-2-(N-methylacetamido)propanamide	Lot Number:	1107-RG-0011
CAS Number:	2742962-60-1	Expiry Date:	Jul 18, 2029
Molecular Formula:	C ₁₄ H ₂₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	264.32	Shipping Condition:	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.314%
Water Content	Karl Fischer	0.68%
Residual Solvents	NMR	Not detected in NMR
Assay		98.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 11, 2025

Date: Nov 12, 2025

Date: Nov 12, 2025



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