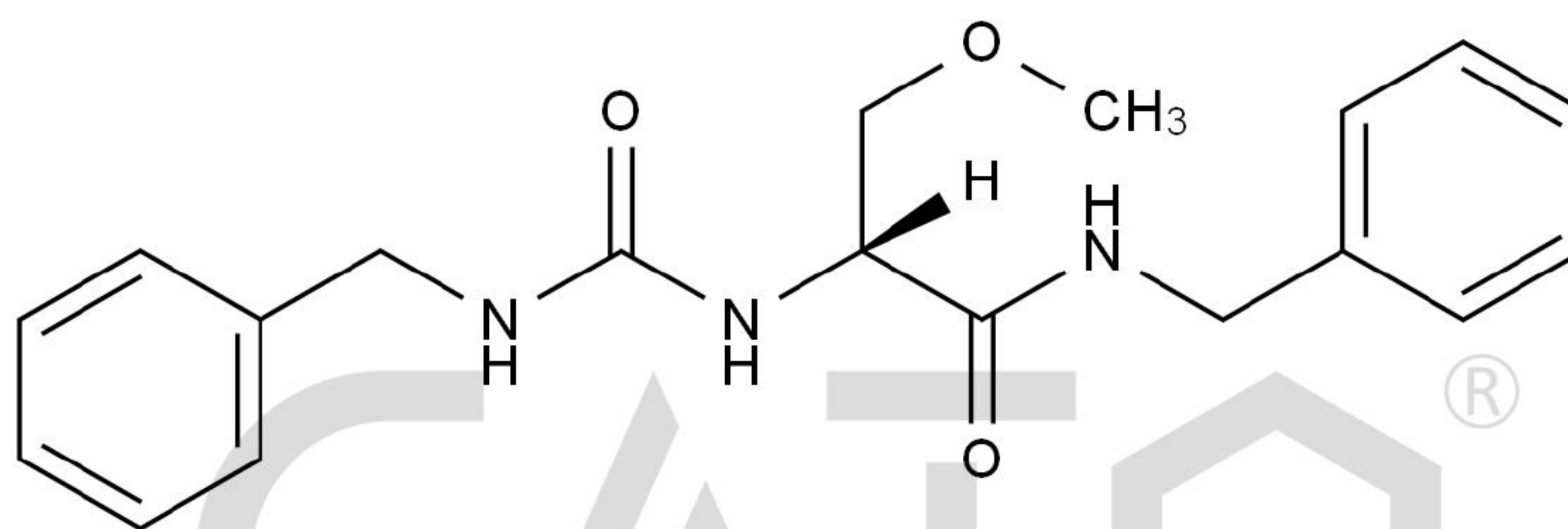


Certificate of Analysis

Reference Material & Standard

Product Name:	Lacosamide EP Impurity I(R-Isomer)	Catalogue Number:	C4X-18302
Synonyms:	(R)-N-Benzyl-2-(3-benzylureido)-3-methoxypropanamide	Lot Number:	0113-RG-0070
CAS Number:	2295925-90-3	Expiry Date:	Jan 12, 2027
Molecular Formula:	C ₁₉ H ₂₃ N ₃ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	341.40	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.926%
Water Content	Karl Fischer	0.38%
Residual Solvents	NMR	Not detected in NMR
Assay		99.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 13, 2025

Date: Jan 15, 2025

Date: Jan 15, 2025

