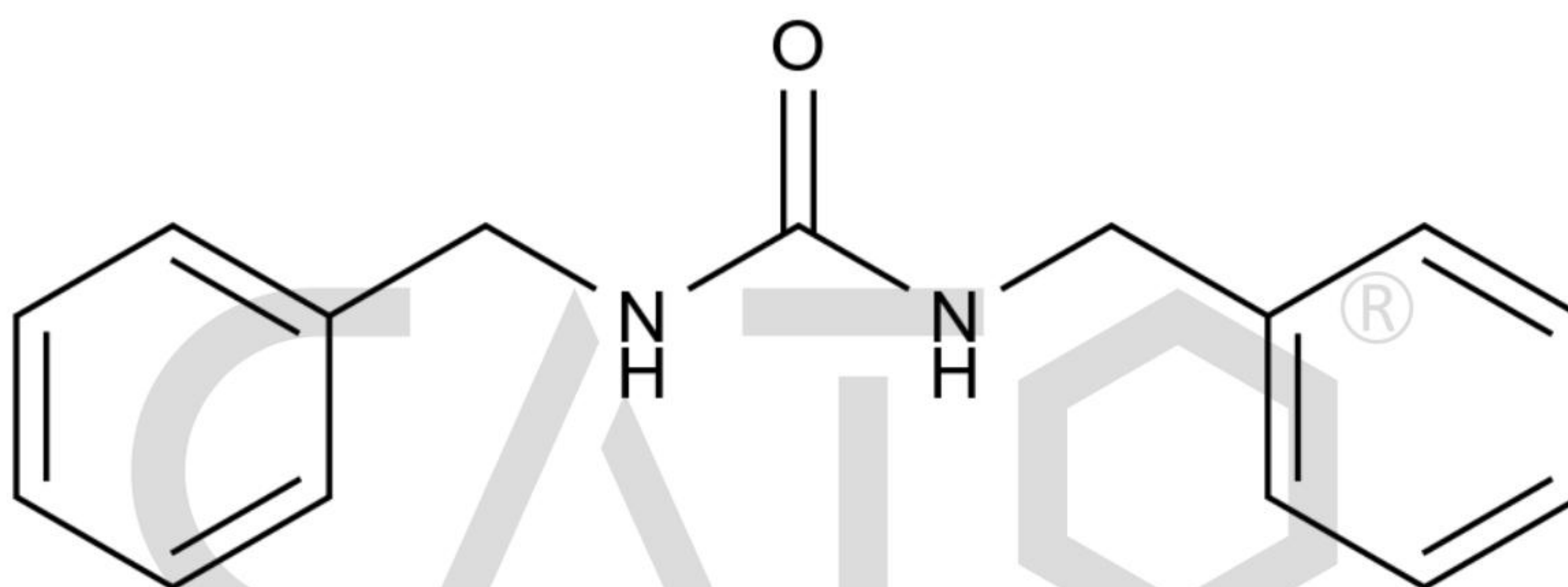


Certificate of Analysis

Reference Material & Standard

Product Name:	Lacosamide Impurity C59	Catalogue Number:	C1313059
Synonyms:	N/A	Lot Number:	0704-RG-0056
CAS Number:	1466-67-7	Expiry Date:	Jul 07, 2029
Molecular Formula:	C ₁₅ H ₁₆ N ₂ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	240.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.574%
Loss On Drying	TGA	0.2151%
Assay		98.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 08, 2025

Date: Jul 08, 2025

Date: Jul 08, 2025

