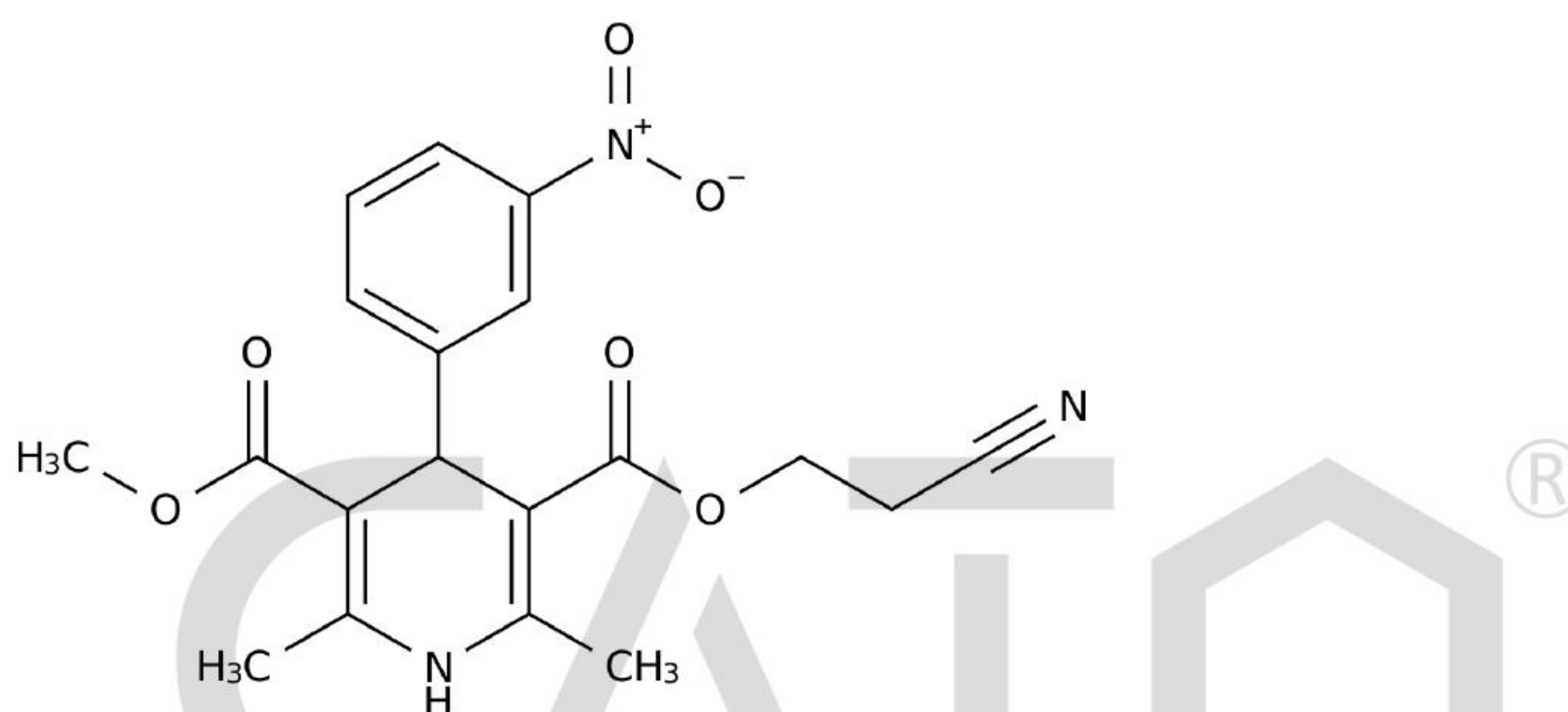


Certificate of Analysis

Reference Material & Standard

Product Name:	Lacosamide Impurity 20	Catalogue Number:	C4X-183020
Synonyms:	N/A	Lot Number:	0320-RG-0013
CAS Number:	75130-24-4	Expiry Date:	Mar 14, 2028
Molecular Formula:	C ₁₉ H ₁₉ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	385.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.139%
Water Content	Karl Fischer	0.24%
Residual Solvents	NMR	Not detected in NMR
Assay		98.9%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 20, 2025

Date: Mar 20, 2025

Date: Mar 20, 2025

