

Certificate of Analysis

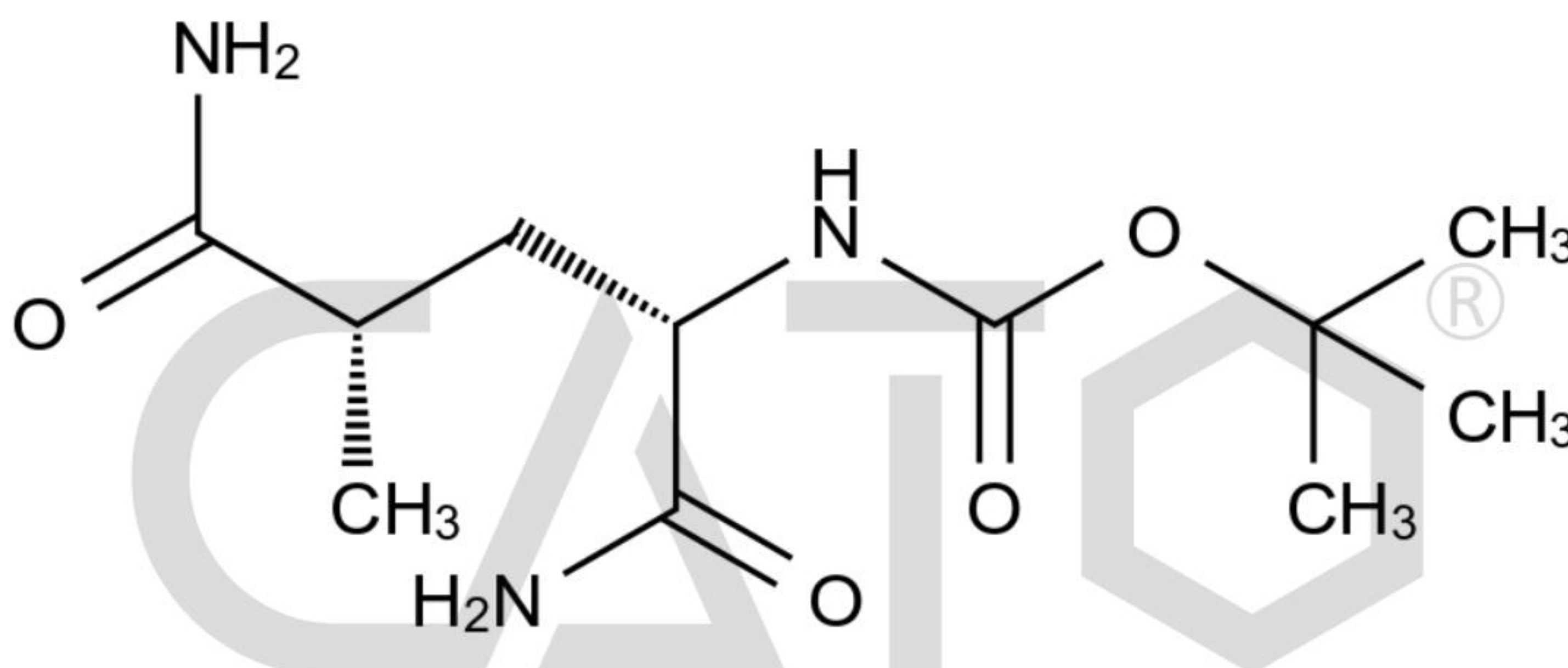
Reference Material & Standard

Product Name:	Nemonoxacin Impurity 38	Catalogue Number:	C4X-312838
Synonyms:	N/A	Lot Number:	0827-RF-0032
CAS Number:	N/A	Expiry Date:	Aug 28, 2027
Molecular Formula:	C ₁₁ H ₂₁ N ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	259.30	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.963%
Loss on Drying	TGA	0.1317%
Assay		98.8%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 30, 2024

Date: Dec 31, 2024

Date: Dec 31, 2024



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official WeChat