

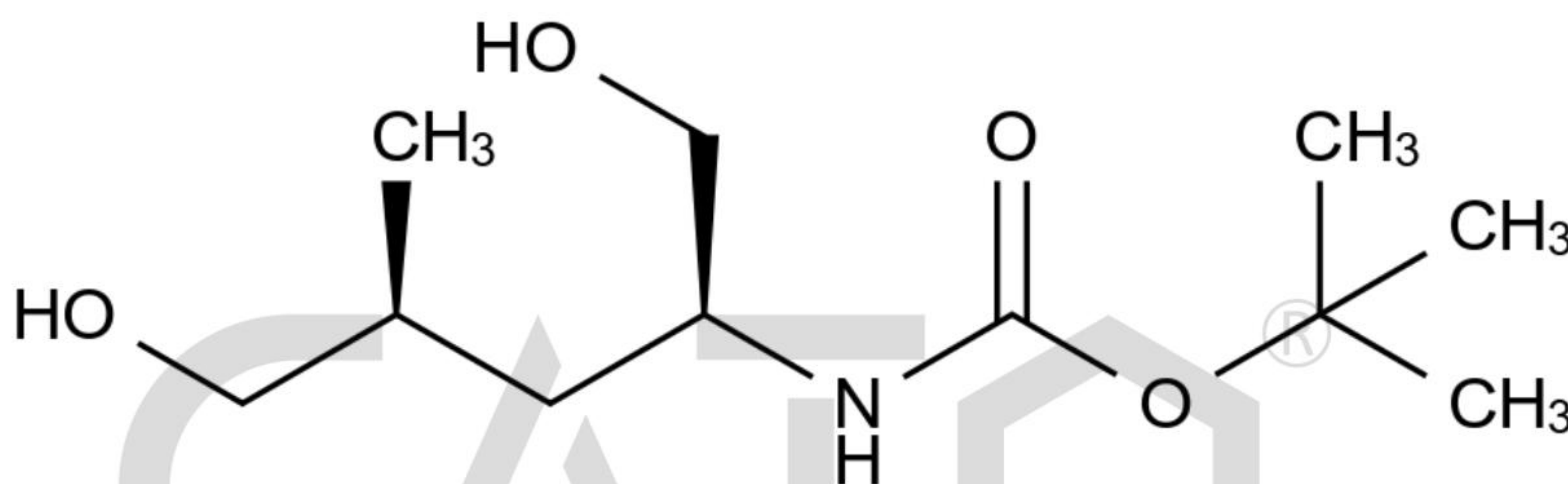
Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 63	Catalogue Number:	C4X-312863
Synonyms:	N/A	Lot Number:	0115-RG-0001
CAS Number:	951163-62-5	Expiry Date:	Jan 08, 2029
Molecular Formula:	C ₁₁ H ₂₃ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.30	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	GC	99.310%
Residue on Ignition	TGA	0.4391%
Loss On Drying	TGA	1.5678%
Assay		97.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity GC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Approved by General Manager:

David

Date: Sep 03, 2025

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Date: Sep 03, 2025

