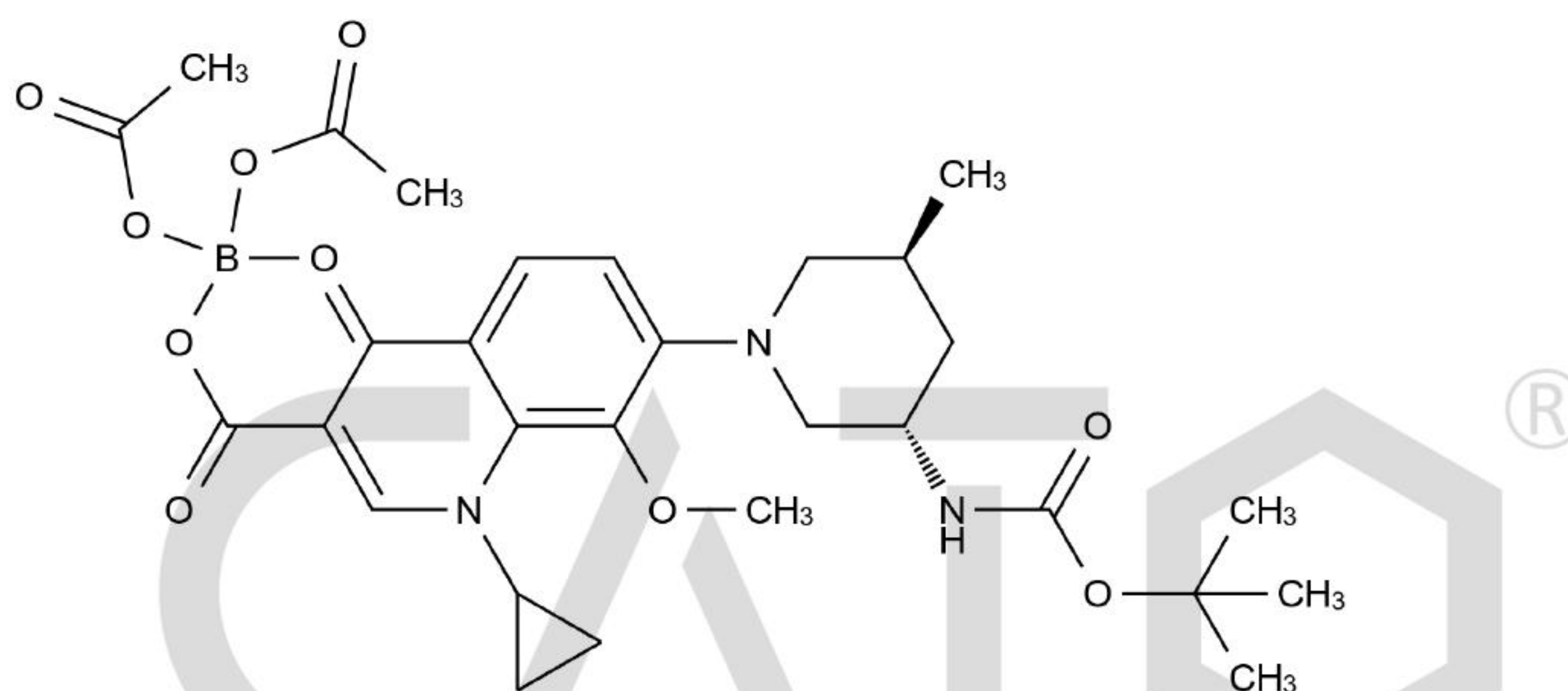


Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 85	Catalogue Number:	C4X-312885
Synonyms:	N/A	Lot Number:	1122-RF-0062
CAS Number:	N/A	Expiry Date:	Nov 26, 2027
Molecular Formula:	C29H38BN3O10	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	599.44	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.506%
Residual Solvents	NMR	Tert-butyl methyl ether and ethyl acetate
Loss On Drying	TGA	3.3186%
Assay		93.3%

Comment:

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

Assay (%) = (100% - Residual Solvents - Loss On Drying) * Purity HPLC (%) / 100%

Residual Solvents and Loss On Drying 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: Nov 27, 2024

Date: Nov 27, 2024

Date: Nov 27, 2024

