

Certificate of Analysis

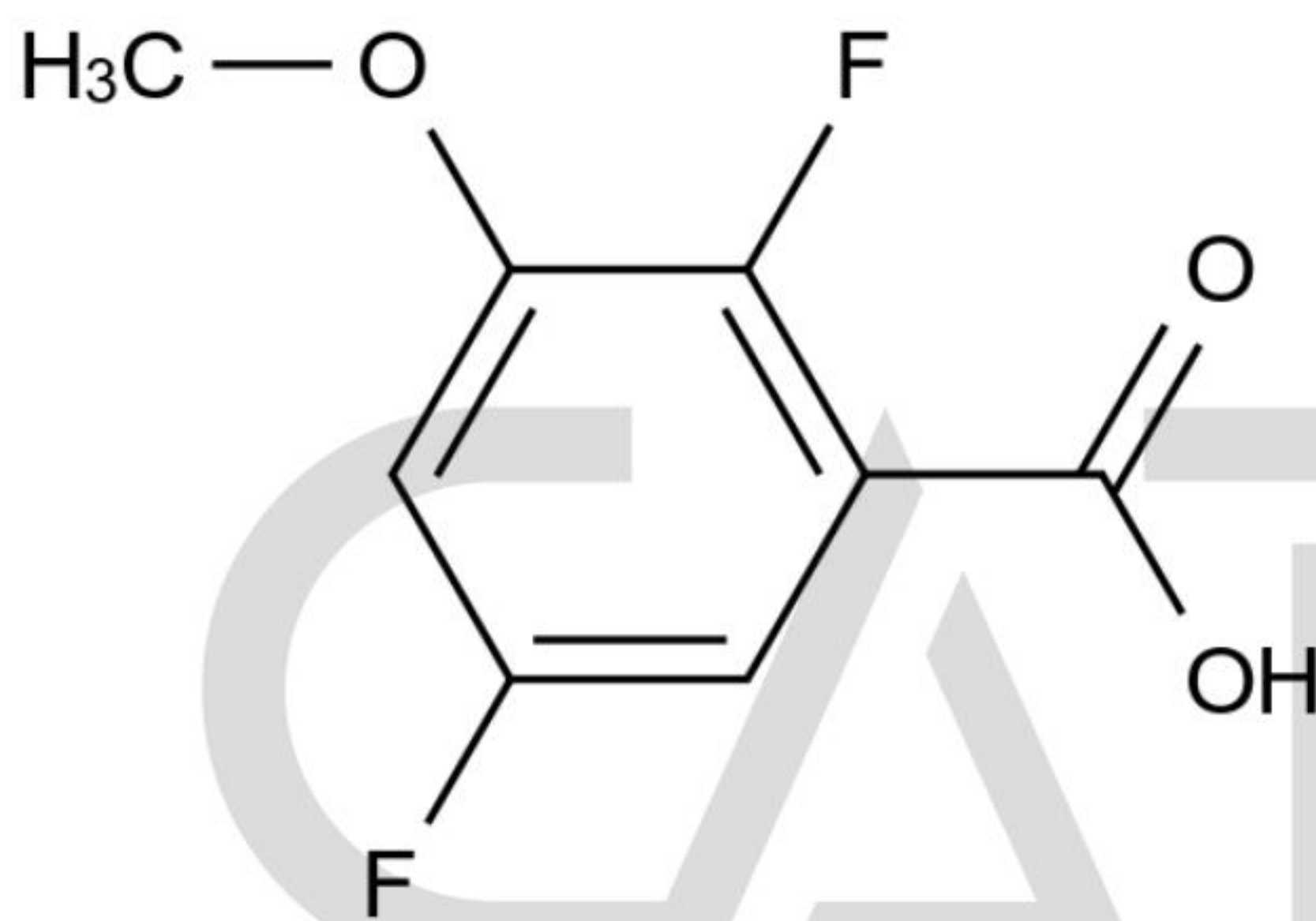
Reference Material & Standard

Product Name:	Nemonoxacin Impurity 35	Catalogue Number:	C4X-312835
Synonyms:	N/A	Lot Number:	1108-RF-0066
CAS Number:	1781915-09-0	Expiry Date:	Nov 11, 2026
Molecular Formula:	C ₈ H ₆ F ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	188.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.931%
Loss on Drying	TGA	0.3516%
Assay		99.6%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC 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