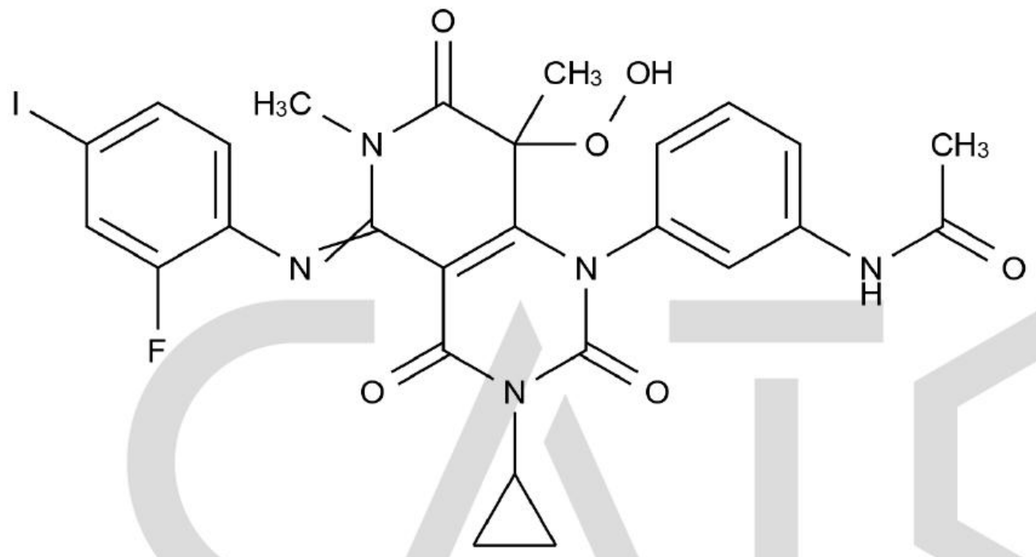
Certificate of Analysis

Reference Material & Standard

Product Name:	Trametinib Impurity N10	**Catalogue Number:**	C1930110
Synonyms:	N/A	**Lot Number:**	0811-RG-0045
CAS Number:	1383430-04-3	**Expiry Date:**	Aug 13, 2027
Molecular Formula:	C26H23FIN5O6	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	647.39	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.52%
Residue on Ignition	TGA	0.297%
Loss On Drying	TGA	0.61%
Assay		96.6%

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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 HPLC (%) /100%*
Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Lily — Date: Aug 19, 2025

Reviewed by: Hinlam — Date: Aug 19, 2025

Approved by General Manager: David — Date: Aug 19, 2025

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