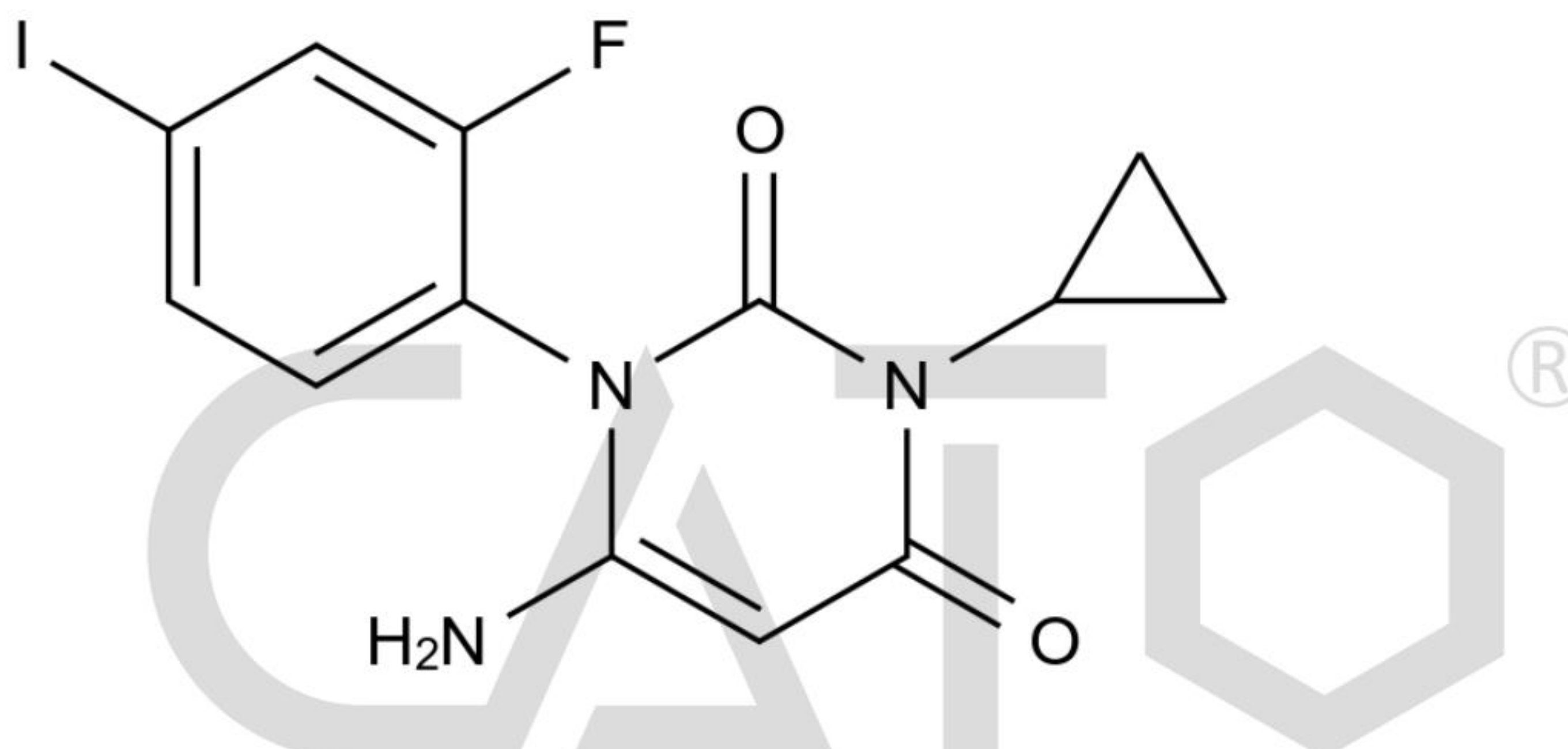


Certificate of Analysis

Reference Material & Standard

Product Name:	Trametinib Impurity 1	Catalogue Number:	C4X-27821
Synonyms:	6-Amino-3-cyclopropyl-1- (2-fluoro-4-iodophenyl)pyrimidine-2,4 (1H,3H)-dione	Lot Number:	0401-RG-0032
CAS Number:	871700-28-6	Expiry Date:	Apr 07, 2028
Molecular Formula:	C ₁₃ H ₁₁ FIN ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	387.15		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.3587%
Assay		99.6%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 08, 2025

Date: Apr 08, 2025

Date: Apr 08, 2025

