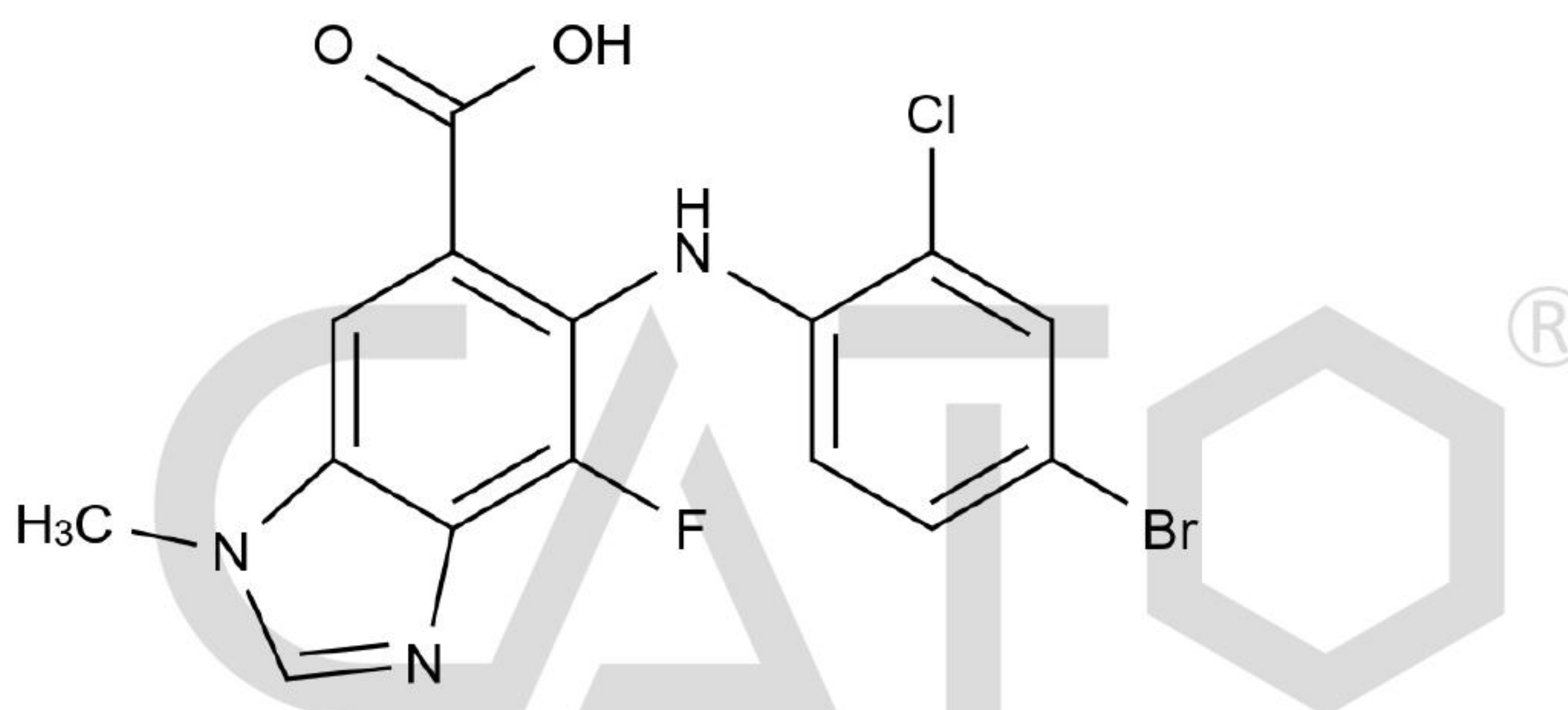


Certificate of Analysis

Reference Material & Standard

Product Name:	Selumetinib Impurity 2	Catalogue Number:	C4X-30532
Synonyms:	N/A	Lot Number:	1117-RG-0114
CAS Number:	606144-04-1	Expiry Date:	Nov 19, 2029
Molecular Formula:	C ₁₅ H ₁₀ BrClFN ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	398.61	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.678%
Loss On Drying	TGA	0.0607%
Assay		98.6%

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 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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