

Certificate of Analysis

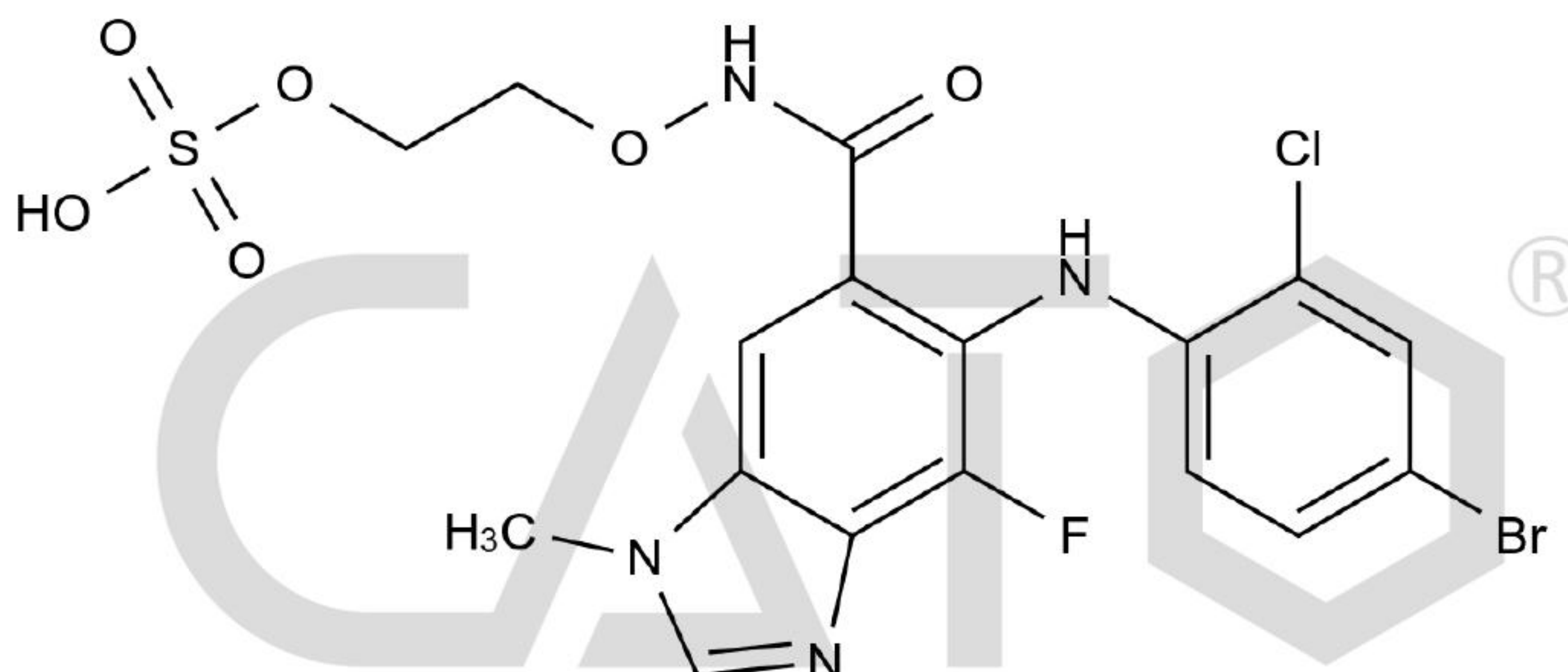
Reference Material & Standard

Product Name:	Selumetinib Impurity 3	Catalogue Number:	C4X-30533
Synonyms:	N/A	Lot Number:	0112-RH-0046
CAS Number:	N/A	Expiry Date:	Jan 13, 2030
Molecular Formula:	C ₁₇ H ₁₅ BrClFN ₄ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	537.74	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.0955%
Loss On Drying	TGA	0.080%
Assay		95.0%

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:

Reviewed by:

Approved by General Manager:

Date: Jan 15, 2026

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