

Certificate of Analysis

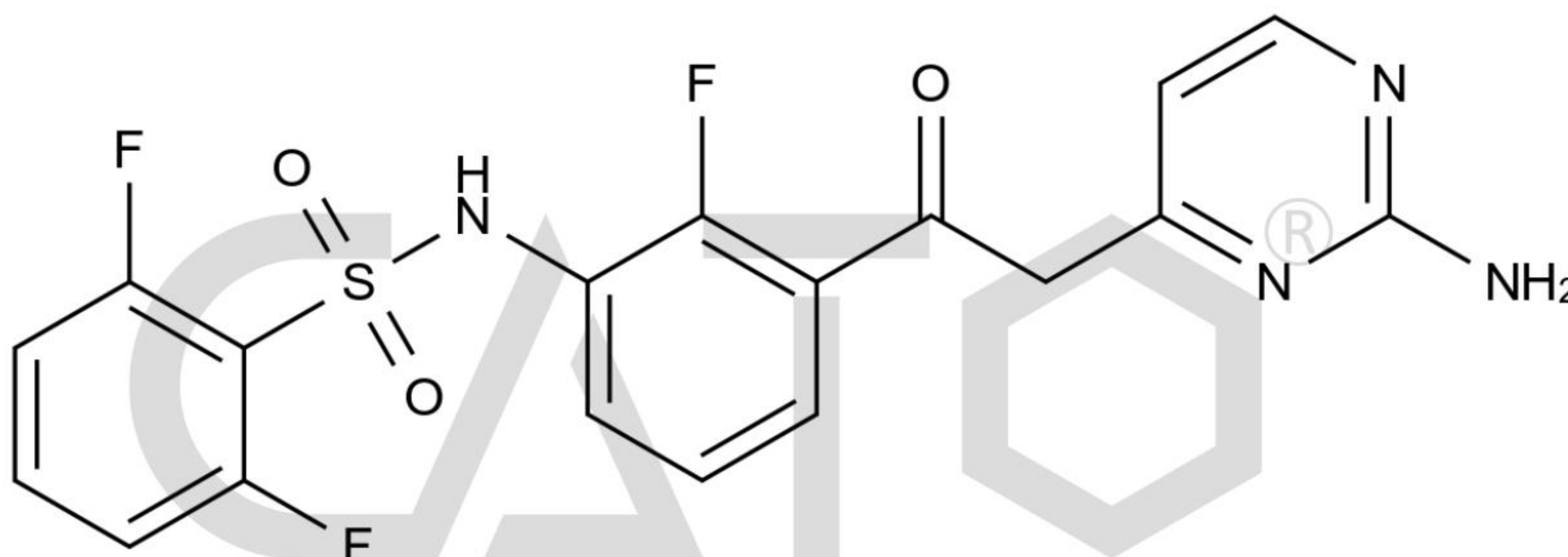
Reference Material & Standard

Product Name:	Dabrafenib Impurity 5	Catalogue Number:	C4X-30335
Synonyms:	N/A	Lot Number:	1020-RG-0056
CAS Number:	N/A	Expiry Date:	Oct 22, 2029
Molecular Formula:	C ₁₈ H ₁₃ F ₃ N ₄ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	422.38	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.9710%
Loss On Drying	TGA	0.2098%
Assay		97.8%

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:

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Approved by General Manager:

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Date: Nov 13, 2025

Date: Nov 14, 2025

Date: Nov 14, 2025



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