

Certificate of Analysis

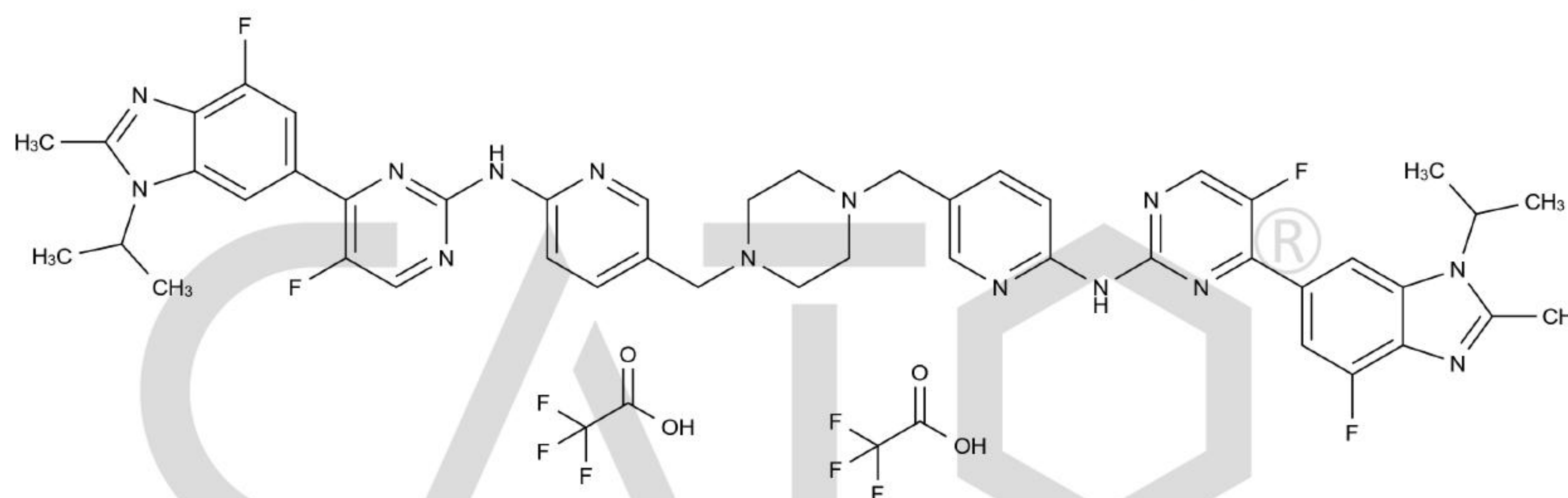
Reference Material & Standard

Product Name:	Abemaciclib Impurity 16 DiTrifluoroacetate	Catalogue Number:	C4X-293716
Synonyms:	N/A	Lot Number:	0810-RH-0110
CAS Number:	N/A	Expiry Date:	Apr 13, 2030
Molecular Formula:	$C_{46}H_{46}F_4N_{14} \cdot 2 \cdot C_2HF_3O_2$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	870.94 $\cdot 2 \cdot 114.02$	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.246%
Loss on Drying	TGA	1.7637%
Assay		97.5%

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: Aug 10, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



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Page 1 of 9



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