

Certificate of Analysis

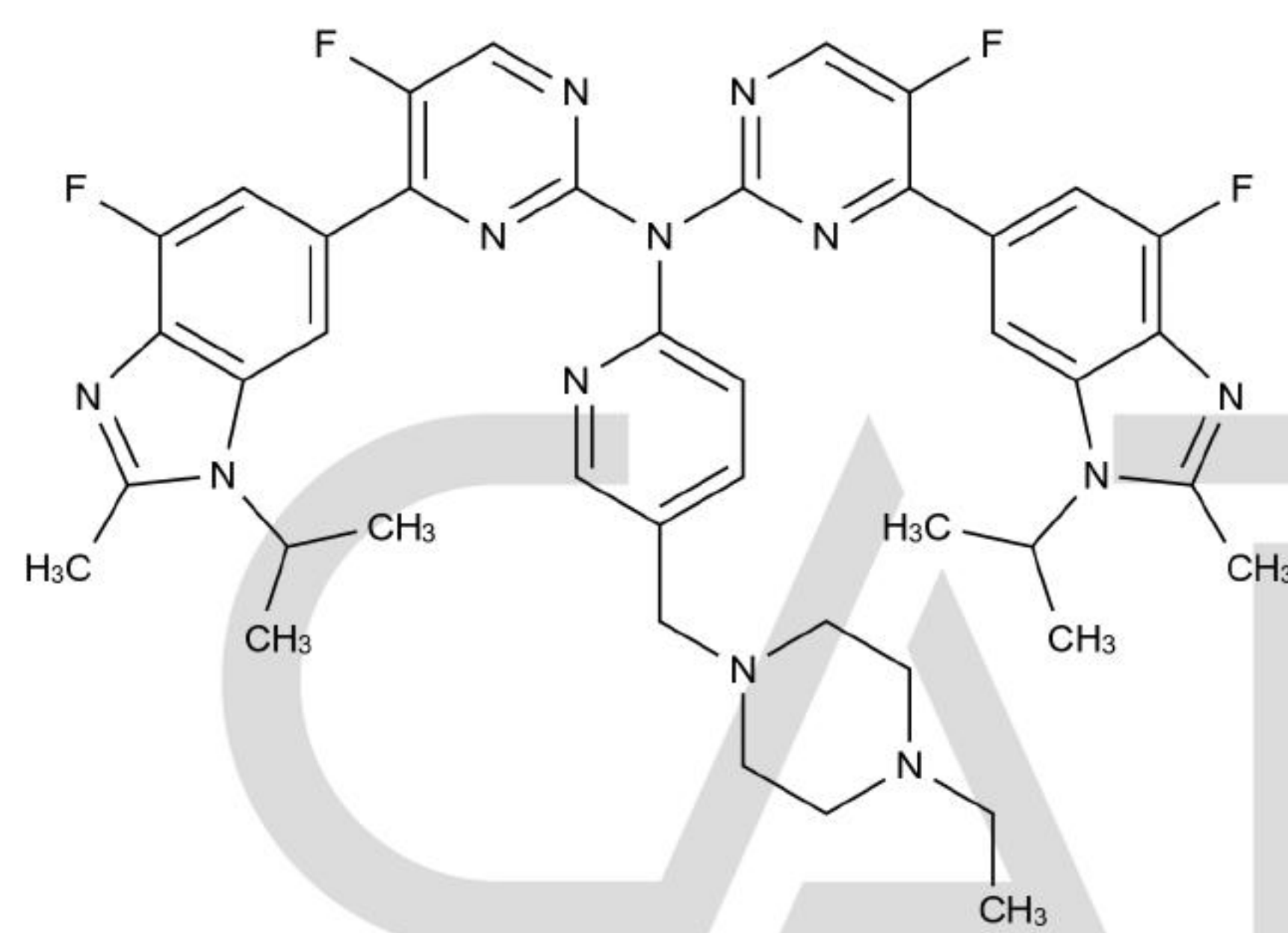
Reference Material & Standard

Product Name:	Abemaciclib impurity 119	Catalogue Number:	C4X-2937119
Synonyms:	N/A	Lot Number:	0720-RH-0048
CAS Number:	N/A	Expiry Date:	Jul 15, 2030
Molecular Formula:	C ₄₂ H ₄₄ F ₄ N ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	792.87	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.819%
Loss on Drying	TGA	3.9435%
Assay		95.9%

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: Jul 20, 2026

Date: Jul 20, 2026

Date: Jul 20, 2026



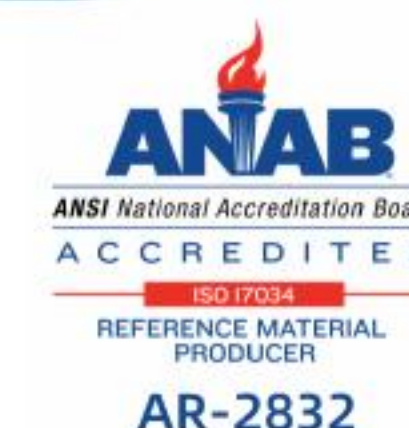
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official
WeChat