

Certificate of Analysis

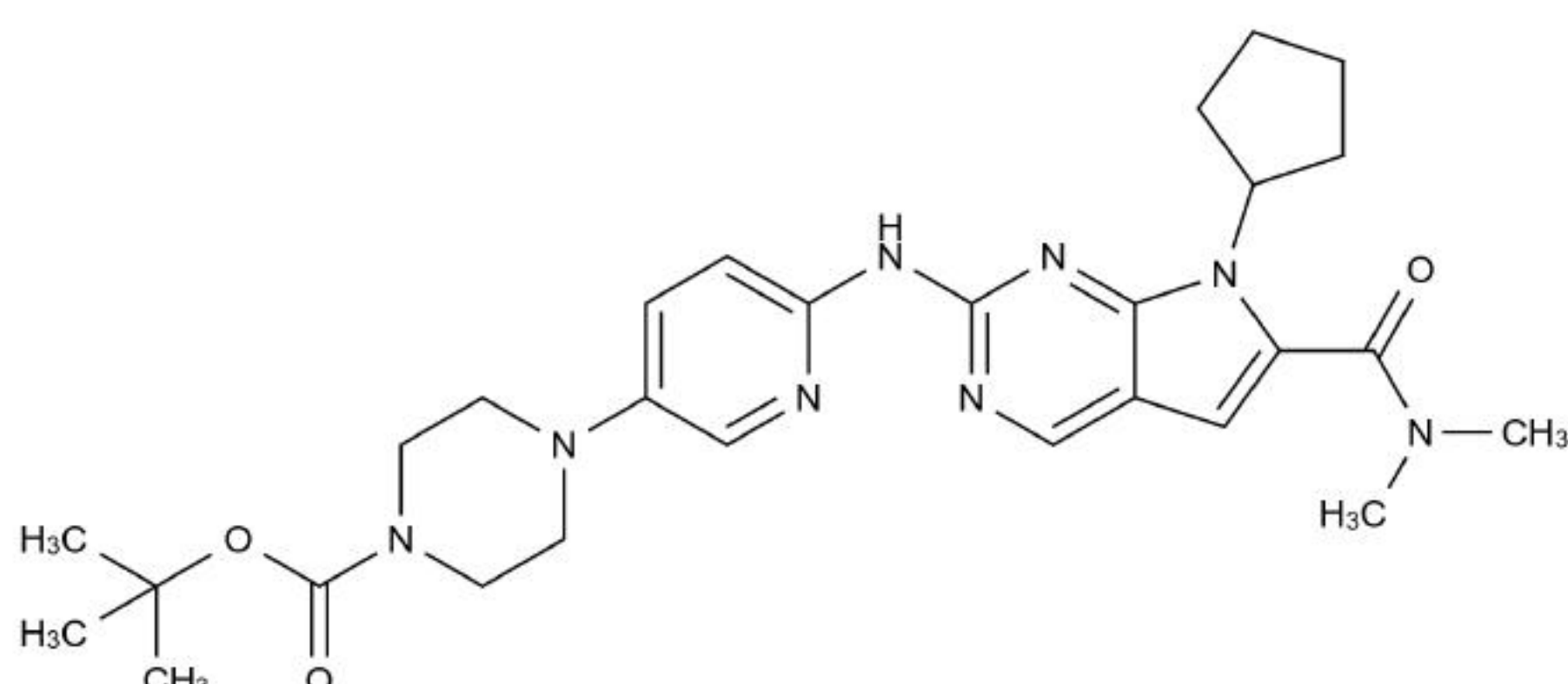
Reference Material & Standard

Product Name:	4-[6-(7-Cyclopentyl-6-dimethylcarbamoyl-7H-pyrrolo[2,3-d]pyrimidin-2-ylamino)-pyridin-3-yl]-piperazine-1-carboxylic acid tert-butyl ester	Catalogue Number:	C1262714
Synonyms:	Palbociclib Impurity N11	Lot Number:	0829-RG-0052
CAS Number:	1374639-78-7	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₂₈ H ₃₈ N ₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	534.65	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	96.5%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 04, 2026

Date: Jan 04, 2026

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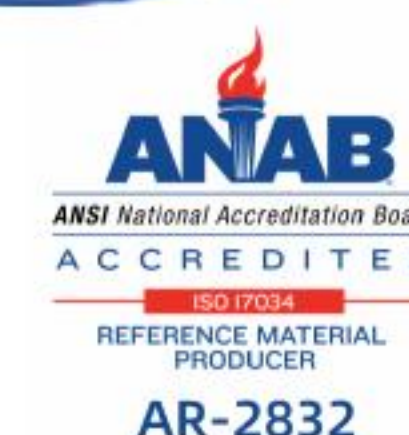
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