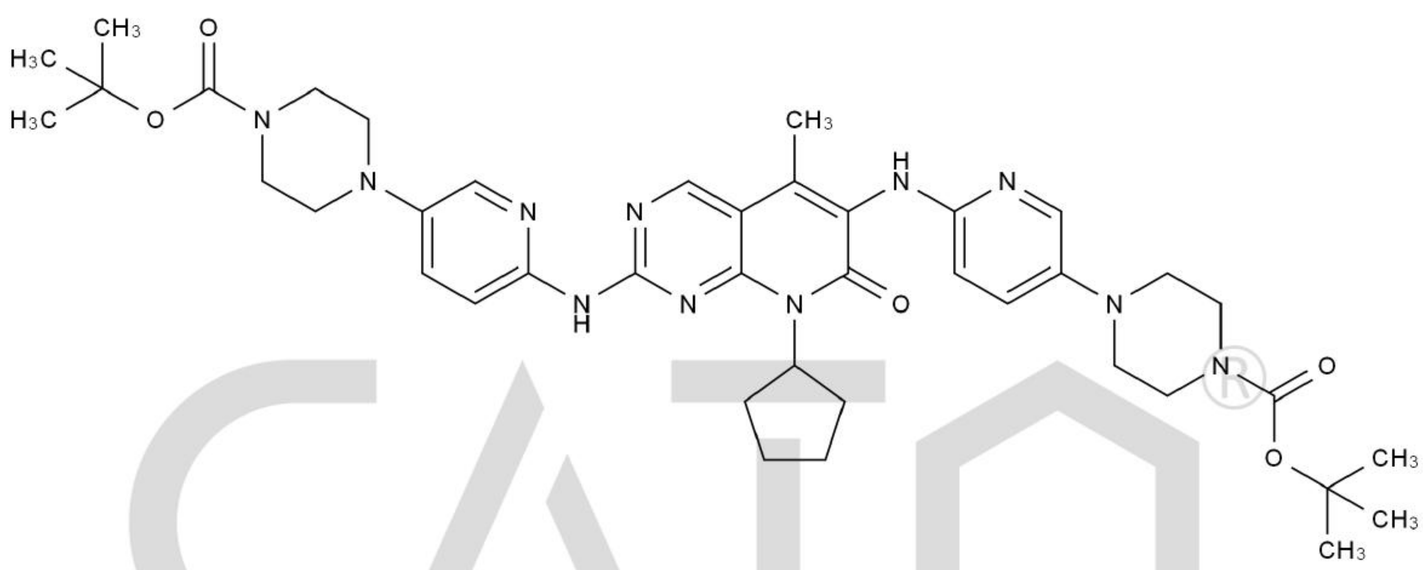
Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 38	**Catalogue Number:**	C4X-112538
Synonyms:	N/A	**Lot Number:**	0411-RF-0060
CAS Number:	2206135-30-8	**Expiry Date:**	Apr 14, 2027
Molecular Formula:	C41H55N11O5	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	781.95		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.850%
Loss On Drying	TGA	0.1430%
Assay		98.7%

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Comment:

The calculation of the 100% 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: Alice Date: Apr 15, 2024

Reviewed by: Koi Date: Apr 15, 2024

Aporoved by General Manager: David Date: Apr 15, 2024

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