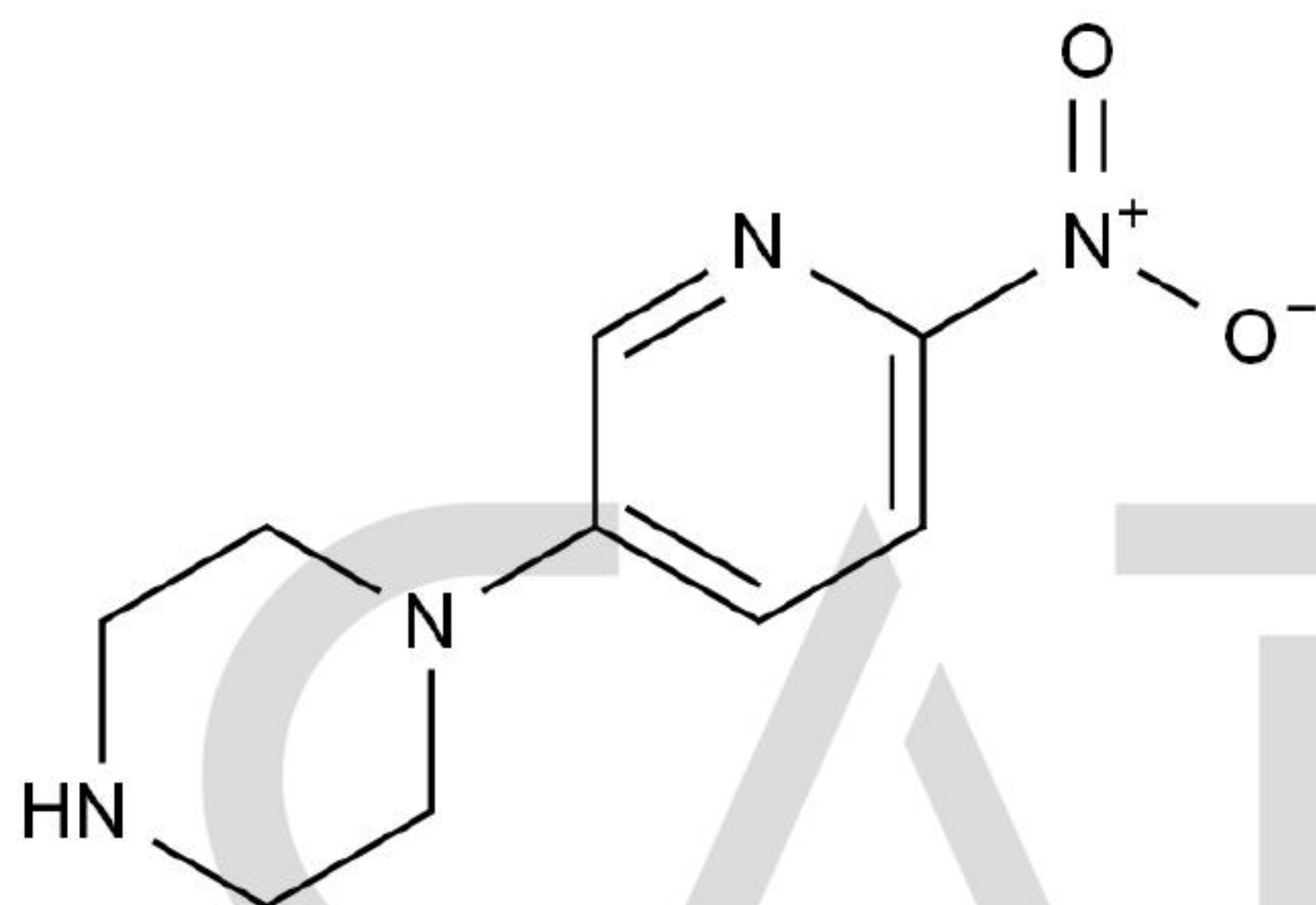


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 97	Catalogue Number:	C4X-112597
Synonyms:	1-(6-Nitropyridin-3-yl)piperazine	Lot Number:	0828-RG-0007
CAS Number:	775288-71-6	Expiry Date:	Aug 31, 2029
Molecular Formula:	C ₉ H ₁₂ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	208.22	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.387%
Loss On Drying	TGA	0.0183%
Assay		99.4%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 01, 2025

Date: Sep 01, 2025

Date: Sep 01, 2025

