

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

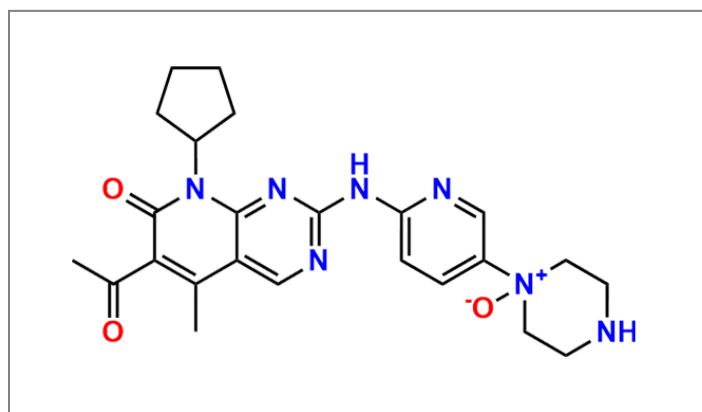
Re-test Date: May 2026

Product Name: Palbociclib Piperazine N-Oxide

Identification:

Chemical Name: 1-(6-((6-acetyl-8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl)amino)pyridin-3-yl)piperazine 1-oxide

Synonyms : NA
CAS Number : 2174002-29-8
CAT Number : CP-P65008
Molecular Formula : C₂₄H₂₉N₇O₃
Molecular Weight : 463.54
Batch Number : CP-PAL-PNO-0724



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow to Gray Solid
2)	Solubility	Dimethyl Sulfoxide, 1 : 1 Methanol : Chloroform
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.41%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.75%
7)	Potency by TGA	95.68 %



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.