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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

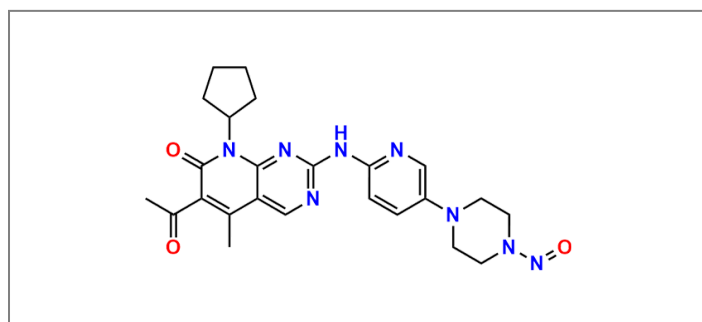
Re-test Date: Aug 2027

Product Name: N-Nitroso Palbociclib

Identification:

Chemical Name: 6-Acetyl-8-cyclopentyl-5-methyl-2-((5-(4-nitrosopiperazin-1-yl)pyridin-2-yl)amino)pyrido[2,3-d]pyrimidin-7(8H)-one

Synonyms : NA
CAS Number : NA
CAT Number : CP-P65009
Molecular Formula : C₂₄H₂₈N₈O₃
Molecular Weight : 476.54
Batch Number : CP-PAL-NIT-0924
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.809%
8)	Potency by TGA	99.19%



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.