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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Palbociclib Impurity 4

Identification:

Chemical Name: Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-cyclopentyl-6-(1-hydroxyethyl)-5-methyl-2-[[5-(1-piperazinyl)-2-pyridinyl]amino]-

Synonyms : Palbociclib hydroxy impurity

CAS Number : 1376615-91-6

CAT Number : CP-P65004

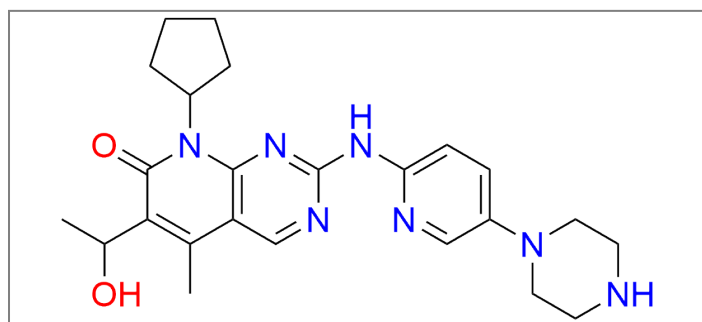
Molecular Formula : C₂₄H₃₁N₇O₂

Molecular Weight : 449.56

Batch Number : CP-PAL-4-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Methanol, DMSO
3)	MASS By LCMS	Confirm to Structure
4)	HPLC	95.65 %



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.