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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

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]-

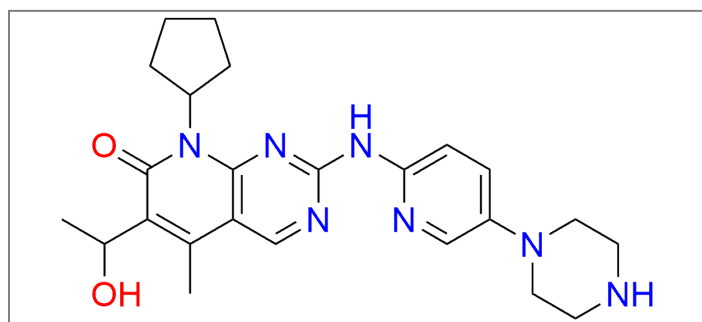
Synonyms : Palbociclib hydroxy impurity

CAS Number : 1376615-91-6

CAT Number : CP-P65004

Molecular Formula : C₂₄H₃₁N₇O₂

Molecular Weight : 449.56



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



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.