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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Palbociclib Impurity 2

Identification:

Chemical Name: 8-Cyclopentyl-5-methyl-2-((5-(piperazin-1-yl)pyridin-2-yl)amino)-6-vinylpyrido[2,3-d]pyrimidin-7(8H)-one

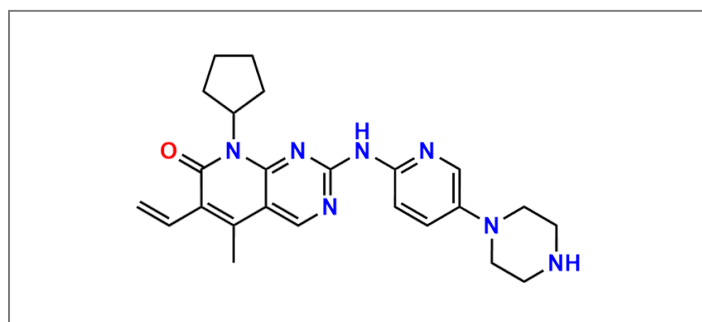
Synonyms : Palbociclib Vinyl impurity

CAS Number : 2204863-06-7

CAT Number : CP-P65003

Molecular Formula : C₂₄H₂₉N₇O

Molecular Weight : 431.54



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
6)	IR	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.