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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ivacaftor (In House Standard)

Identification:

Chemical Name: N-[2,4-Bis[1,1-di(methyl)ethyl]-5-hydroxyphenyl]-1,4-dihydro-4-oxo-3-quinolinecarboxamide

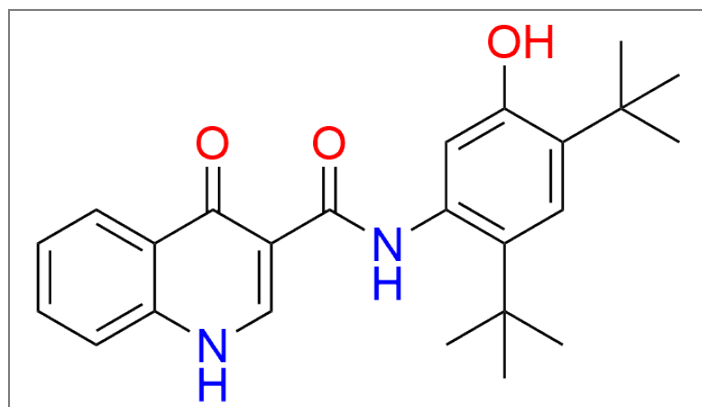
Synonyms : 3-Quinolinecarboxamide

CAS Number : 873054-44-5

CAT Number : CP-I12000

Molecular Formula : C₂₄H₂₈N₂O₃

Molecular Weight : 392.50



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	>98%
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.