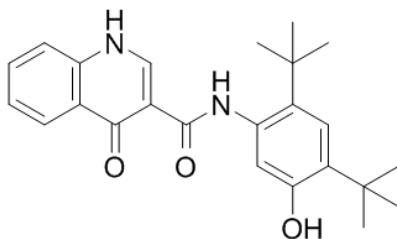


Product Name : Ivacaftor
Cat. No. : PC-43325
CAS No. : 873054-44-5
Batch No. : PC-4332501
Chemical Name : 3-Quinolinecarboxamide, N-[2,4-bis(1,1-dimethylethyl)-5-hydroxyphenyl]-1,4-dihydro-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 392.4907
Molecular Formula : C₂₄H₂₈N₂O₃
Storage : Powder -20°C 12 Months
4°C 6 Months
In solvent -80°C 6 Months
-20°C 1 Month

Chemical Structure :



ANALYTICAL DATA

Appearance : Solid powder
¹H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with
Purity (HPLC and/or LCMS) : >98%
Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com