

Ivacaftor (VX-770)

Catalog No: #S2588

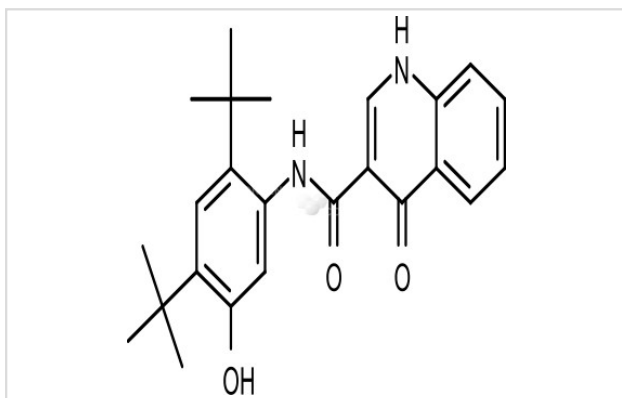
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Description

Product Name	Ivacaftor (VX-770)
Brief Description	Inhibitors
Purification	99.50%
Target Name	CFTR potentiator
Calculated MW	392.49
Formulation	C ₂₄ H ₂₈ N ₂ O ₃
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer SMILES: CC(C)(C)C1=CC(=C(O)C=C1NC(=O)C1=CNC2=CC=CC=C2C1=O)C(C)(C)C Pathways: Membrane transporter/Ion channel Receptor: F508del-CFTR; G551D-CFTR Boiling pt: Melting pt: Solubility: DMSO: 78 mg/mL (198.73 mM) Appearance: White Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Van Goor F, et al. Proc Natl Acad Sci U S A, 2009, 106(44), 18825-18830.

Note: This product is for in vitro research use only