

Product Name : IMD-0354

Synonyms : IMD 0354;IMD0354

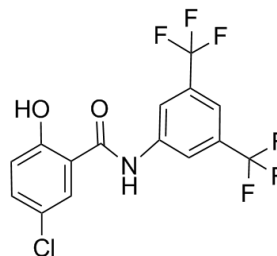
Cat No. : M16886

CAS Number : 978-62-1

Molecular Formula : C₁₅H₈ClF₆NO₂

Formula Weight : 383.67

Chemical Name : Benzamide, N-[3,5-bis(trifluoromethyl)phenyl]-5-chloro-2-hydroxy-



Description : A potent, selective IKK β inhibitor that inhibits NF- κ B activity both in vitro and in vivo; suppresses neoplastic proliferation of human mast cells with constitutively activated c-kit receptors; also suppresses the growth of human breast cancer cells, MDA-MB-231, HMC1-8, and MCF-7, by arresting cell cycle and inducing apoptosis.

Pathway : Immunology/Inflammation

Target : I κ B kinase (IKK)

Receptor : IKK β

Solubility : 100 mM in DMSO; 100 mM in Ethanol

SMILES : O=C(NC1=CC(C(F)(F)F)=CC(C(F)(F)F)=C1)C2=CC(Cl)=CC=C2O

Storage : (-20°C)

Stability : $\geq$ 2 years

Reference :

1. Onai Y, et al. Cardiovasc Res. 2004 Jul 1;63(1):51-9.| 2. Tanaka A, et al. Blood. 2005 Mar 15;105(6):2324-31.| 3. Tanaka A, et al. Cancer Res. 2006 Jan 1;66(1):419-26.| 4. Kamon J, et al. Biochem Biophys Res Commun. 2004 Oct 8;323(1):242-8.