

Product Name : GNF-2

Synonyms : GNF 2;GNF2

Cat No. : M15934

CAS Number : 778270-11-4

Molecular Formula : C₁₈H₁₃F₃N₄O₂

Formula Weight : 374.32

Chemical Name : Benzamide, 3-[6-[[4-(trifluoromethoxy)phenyl]amino]-4-pyrimidinyl]-

Description : A potent, allosteric, non-ATP competitive Bcr-Abl inhibitor that shows exclusive antiproliferative activity toward Bcr-abl-transformed cells; causes growth inhibition of Bcr-Abl positive cell lines with IC₅₀s of 273 nM (K562) and 268 nM (SUP-B15); inhibits mutant Bcr-Abl E255V, Y253H cell growth.

Pathway : Angiogenesis

Target : Bcr-Abl

Receptor : Bcr-Abl(K562cellline);Bcr-Abl(SUP-B15cellline)

Solubility : DMSO: ≥ 45 mg/mL

SMILES : O=C(N)C1=CC=CC(C2=NC=NC(NC3=CC=C(OC(F)(F)F)C=C3)=C2)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Adrián FJ, et al. Nat Chem Biol. 2006 Feb;2(2):95-102. 2. Choi Y, et al. J Biol Chem. 2009 Oct 16;284(42):29005-14. 3. Clark MJ, et al. Cell Chem Biol. 2016 Apr 21;23(4):443-52.

