

FLT3/ITD-IN-1

## Chemical Properties

CAS No. :

Formula: C19H22N6O2

Molecular Weight: 366.42

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	FLT3/ITD-IN-1 (Compound 1) is a highly potent inhibitor of FLT3 internal tandem duplications (FLT3-ITD) with IC50 values of 38.2 nM for FLT3 and 144.1 nM for FLT3-ITD, and shows exceptional antiproliferative activities against several acute myeloid leukemia cell lines [1].
Targets(IC50)	Others,FLT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7291 mL	13.6455 mL	27.2911 mL
5 mM	0.5458 mL	2.7291 mL	5.4582 mL
10 mM	0.2729 mL	1.3646 mL	2.7291 mL
50 mM	0.0546 mL	0.2729 mL	0.5458 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481