

FLT3-IN-6

Chemical Properties

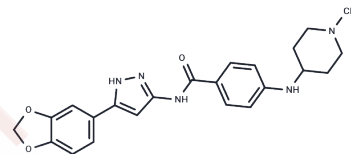
CAS No. : 2377141-31-4

Formula: C₂₃H₂₅N₅O₃

Molecular Weight: 419.48

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-IN-6 is a potent and selective inhibitor of FLT3-ITD [FLT3 mutation], with an IC ₅₀ of 1.336 nM.
Targets(IC ₅₀)	Others,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3839 mL	11.9195 mL	23.839 mL
5 mM	0.4768 mL	2.3839 mL	4.7678 mL
10 mM	0.2384 mL	1.192 mL	2.3839 mL
50 mM	0.0477 mL	0.2384 mL	0.4768 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.

Reference

Heng H, et al. Combining structure- and property-based optimization to identify selective FLT3-ITD inhibitors with good antitumor efficacy in AML cell inoculated mouse xenograft model. Eur J Med Chem. 2019 Aug 15;176:248-267.

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