

c-Fms-IN-6

Chemical Properties

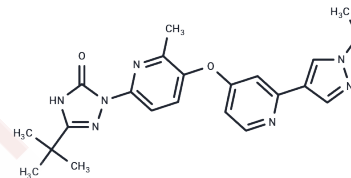
CAS No. : 1628574-81-1

Formula: C₂₂H₂₅N₇O₂

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	c-Fms-IN-6 is a potent inhibitor of c-FMS (IC ₅₀ ≤10 nM for unphosphorylated c-FMS) and weakly inhibits unphosphorylated c-KIT and PDGFR (IC ₅₀ : >1 μM).
Targets(IC ₅₀)	c-Fms
In vitro	c-Fms-IN-6 (Example 38) exhibits inhibitory activity against M-NFS-60 cell proliferation, with an IC ₅₀ range of 0.01 μM to 0.1 μM.

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

Gary E. L. BRANDT, et al. 1,2,4-triazol-5-ones and analogs exhibiting anti-cancer and anti-proliferative activities. WO2014145023A1.

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