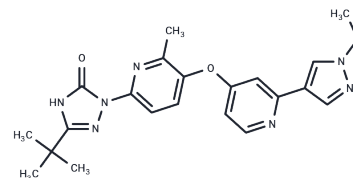


c-Fms-IN-6

Chemical Properties

CAS No. :	1628574-81-1
Formula:	C22H25N7O2
Molecular Weight:	419.48
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	c-Fms-IN-6 is a potent inhibitor of c-FMS ($IC_{50} \leq 10$ nM for unphosphorylated c-FMS) and also weakly inhibits unphosphorylated c-KIT and PDGFR (IC_{50} : > 1 μ M).
Targets(IC_{50})	c-Fms
In vitro	c-Fms-IN-6 (Example 38) shows inhibitory activity against M-NFS-60 cell proliferation (IC_{50} : 0.01 μ M to 0.1 μ M).

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.

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

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