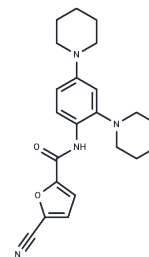


c-Fms-IN-13

Chemical Properties

CAS No. :	885704-58-5
Formula:	C ₂₂ H ₂₆ N ₄ O ₂
Molecular Weight:	378.47
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-13 (compound 14) is a potent FMS kinase inhibitor (IC ₅₀ = 17 nM) and serves as an anti-inflammatory agent.
Targets(IC ₅₀)	c-Fms

Solubility Information

Solubility	DMSO: 3.79 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6422 mL	13.2111 mL	26.4222 mL
5 mM	0.5284 mL	2.6422 mL	5.2844 mL
10 mM	0.2642 mL	1.3211 mL	2.6422 mL
50 mM	0.0528 mL	0.2642 mL	0.5284 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

Illig CR, et al. Discovery of novel FMS kinase inhibitors as anti-inflammatory agents. Bioorg Med Chem Lett. 2008 Mar 1;18(5):1642-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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