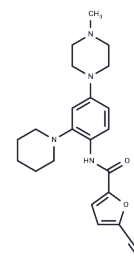


c-Fms-IN-1

Chemical Properties

CAS No. : 885703-64-0
Formula: C₂₂H₂₇N₅O₂
Molecular Weight: 393.48
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	c-Fms-IN-1 is an inhibitor of c-FMS kinase (IC ₅₀ = 0.8 nM).
Targets(IC ₅₀)	c-Fms

Solubility Information

Solubility	H ₂ O: 0.1 mg/mL, insoluble DMSO: 4.5 mg/mL (11.4 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	2.5414 mL	12.7071 mL	25.4143 mL
5 mM	0.5083 mL	2.5414 mL	5.0829 mL
10 mM	0.2541 mL	1.2707 mL	2.5414 mL
50 mM	0.0508 mL	0.2541 mL	0.5083 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

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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