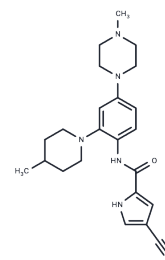


## c-Fms-IN-3

## Chemical Properties

CAS No. :	885704-21-2
Formula:	C <sub>23</sub> H <sub>30</sub> N <sub>6</sub> O
Molecular Weight:	406.52
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-3 is a novel inhibitor of c-FMS, suitable for research on antirheumatic and anti-inflammatory diseases.
Targets(IC50)	c-Fms,FLT,c-Kit,TAM Receptor,Trk receptor

## Solubility Information

Solubility	DMSO: 5.5 mg/mL (13.53 mM),Sonication is recommended. H <sub>2</sub> O: Insoluble,insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4599 mL	12.2995 mL	24.599 mL
5 mM	0.492 mL	2.4599 mL	4.9198 mL
10 mM	0.246 mL	1.230 mL	2.4599 mL
50 mM	0.0492 mL	0.246 mL	0.492 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

Meegalla, Sanath K.; Wall, Mark J.; Chen, Jinsheng et al. Structure-based optimization of a potent class of arylamide FMS inhibitors. *Bioorganic & Medicinal Chemistry Letters* (2008), 18(12), 3632-3637.

Illig, Carl R.; Chen, Jinsheng; Wall, Mark J. et al. Discovery of novel FMS kinase inhibitors as anti-inflammatory agents. *Bioorganic & Medicinal Chemistry Letters* (2008), 18(5), 1642-1648.

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