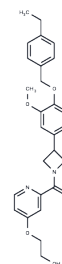


c-Fms-IN-8

Chemical Properties

CAS No. :	1255303-58-2
Formula:	C ₂₇ H ₃₀ N ₂ O ₅
Molecular Weight:	462.54
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-8 is a colony-stimulating factor-1 receptor (CSF-1R, c-FMS) Type II inhibitor (IC ₅₀ : 9.1 nM). It is compound 4a in the reference.
Targets(IC ₅₀)	c-Fms,CSF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.162 mL	10.8099 mL	21.6198 mL
5 mM	0.4324 mL	2.162 mL	4.324 mL
10 mM	0.2162 mL	1.081 mL	2.162 mL
50 mM	0.0432 mL	0.2162 mL	0.4324 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

Ikegashira K, et al. Discovery of a novel azetidine scaffold for colony stimulating factor-1 receptor (CSF-1R) Type II inhibitors by the use of docking models. *Bioorg Med Chem Lett.* 2019 Jan 1;29(1):115-118.

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