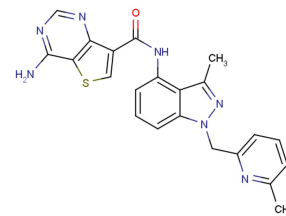


c-Fms-IN-10

Chemical Properties

CAS No.:	1527517-50-5
Formula:	C ₂₂ H ₁₉ N ₇ O ₅
Molecular Weight:	429.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	c-Fms-IN-10 is the derivative of thieno [3,2-d] pyrimidine, a kinase inhibitor of FMS (Colony-stimulating factor-1 receptor, CSF-1R; IC ₅₀ : 2 nM) with anti-tumor activity.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.328 mL	11.641 mL	23.283 mL
5 mM	0.466 mL	2.328 mL	4.657 mL
10 mM	0.233 mL	1.164 mL	2.328 mL
50 mM	0.047 mL	0.233 mL	0.466 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kim YY, et al. Synthesis and evaluation of thieno[3,2-d]pyrimidine derivatives as novel FMS inhibitors. Bioorg Med Chem Lett. 2019 Jan 15;29(2):271-275.

Inhibitors · Natural Compounds · Compound Libraries

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