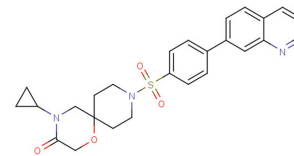


FAS-IN-1

Chemical Properties

CAS No.: 1375105-96-6
Formula: C₂₆H₂₇N₃O₄S
Molecular Weight: 477.58
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	FAS-IN-1 is a potent inhibitor of Fatty acid synthase (FAS) with IC ₅₀ of 10 nM.
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	2.094 mL	10.469 mL	20.939 mL
5 mM	0.419 mL	2.094 mL	4.188 mL
10 mM	0.209 mL	1.047 mL	2.094 mL
50 mM	0.042 mL	0.209 mL	0.419 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. Abdel-Magid AF. Fatty Acid synthase inhibitors as possible treatment for cancer: patent highlight. ACS Med Chem Lett. 2012 Jul 5;3(8):612-3.

Inhibitors · Natural Compounds · Compound Libraries

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