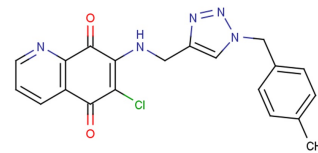


M2N12

Chemical Properties

CAS No.: 2376577-06-7
Formula: C₂₀H₁₆ClN₅O₂
Molecular Weight: 393.83
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Targets(IC ₅₀)	Others: None
In vitro	M2N12 (0-20 μM; 72 hours) has cytotoxic activity against five tumor cell lines and a normal cell line including A-549, MDA-MB-231, KB, KB-VIN, MCF-7 and HBE (IC ₅₀ =3.92 μM, 4.63 μM, 5.05 μM, 6.81 μM, 4.71 μM and 6.00 μM, respectively)[1].

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	2.539 mL	12.696 mL	25.392 mL
5 mM	0.508 mL	2.539 mL	5.078 mL
10 mM	0.254 mL	1.27 mL	2.539 mL
50 mM	0.051 mL	0.254 mL	0.508 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. Jing L, et al. Identification of highly potent and selective Cdc25 protein phosphatases inhibitors from miniaturization click-chemistry-based combinatorial libraries. Eur J Med Chem. 2019 Sep 14;183:111696.

Inhibitors · Natural Compounds · Compound Libraries

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