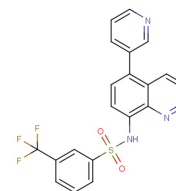


Ubiquitination-IN-1

Chemical Properties

CAS No.:	1819330-15-8
Formula:	C ₂₁ H ₁₄ F ₃ N ₃ O ₂ S
Molecular Weight:	429.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Ubiquitination-IN-1 is an inhibitor of ubiquitination and Cksl-Skp2 protein-protein interaction (IC ₅₀ : 0.17 µM).
Targets(IC ₅₀)	Others: None
In vitro	Ubiquitination-IN-1 inhibits A549 and HT1080 cells (IC ₅₀ s: 0.91 and 0.4 µM).

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	2.329 mL	11.644 mL	23.288 mL
5 mM	0.466 mL	2.329 mL	4.658 mL
10 mM	0.233 mL	1.164 mL	2.329 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. David Carroll, et al. Quinoline derivatives useful as ubiquitination inhibitors. WO2016025779A1.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481