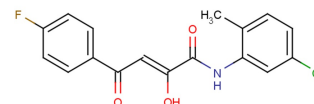


SEC inhibitor KL-2

Chemical Properties

CAS No.:	900308-51-2
Formula:	C ₁₇ H ₁₃ ClFNO ₃
Molecular Weight:	333.74
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	SEC inhibitor KL-2 (KL-2) is a potent, selective super elongation complex (SEC) inhibitor. SEC inhibitor KL-2 exhibits a dose-dependent inhibitory effect on AFF4-CCNT1 interaction (K _i : 1.50 μM).
Targets(IC ₅₀)	SEC: 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	2.996 mL	14.982 mL	29.963 mL
5 mM	0.599 mL	2.996 mL	5.993 mL
10 mM	0.3 mL	1.498 mL	2.996 mL
50 mM	0.06 mL	0.3 mL	0.599 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. Liang K, et al. Targeting Processive Transcription Elongation via SEC Disruption for MYC-Induced Cancer Therapy. Cell. 2018 Oct 18;175(3):766-779.

Inhibitors · Natural Compounds · Compound Libraries

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