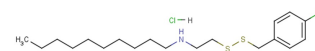


NSC624206

Chemical Properties

CAS No.: 13116-77-3
Formula: C₁₉H₃₃Cl₂NS₂
Molecular Weight: 410.51
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	NSC624206 is a ubiquitin E1 (UBA1) inhibitor(IC ₅₀ of ~9 μM).
Targets(IC ₅₀)	ubiquitin E1: ~9 μM
In vitro	NSC624206 (10 nM-10 μM; 24 hours) induces accumulation of p27 in cells[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	2.436 mL	12.18 mL	24.36 mL
5 mM	0.487 mL	2.436 mL	4.872 mL
10 mM	0.244 mL	1.218 mL	2.436 mL
50 mM	0.049 mL	0.244 mL	0.487 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. Dana Ungermannova, et al. Identification and Mechanistic Studies of a Novel Ubiquitin E1 Inhibitor. J Biomol Screen . 2012 Apr;17(4):421-34.

Inhibitors · Natural Compounds · Compound Libraries

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