

NSC624206

Chemical Properties

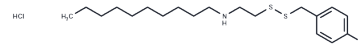
CAS No. : 13116-77-3

Formula: C₁₉H₃₃Cl₂NS₂

Molecular Weight: 410.51

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	NSC624206 is a ubiquitin E1 (UBA1) inhibitor (IC ₅₀ of ~9 μM).
Targets (IC ₅₀)	Others, E1/E2/E3 Enzyme
In vitro	NSC624206 (10 nM-10 μM; 24 hours) induces accumulation of p27 in cells[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.436 mL	12.180 mL	24.3599 mL
5 mM	0.4872 mL	2.436 mL	4.872 mL
10 mM	0.2436 mL	1.218 mL	2.436 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Dana Ungermannova, et al. Identification and Mechanistic Studies of a Novel Ubiquitin E1 Inhibitor. J Biomol Screen . 2012 Apr;17(4):421-34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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