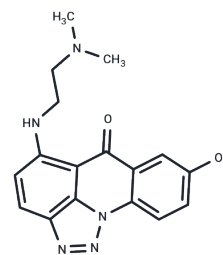


NSC 645827

Chemical Properties

CAS No. : 128113-19-9
 Formula: C₁₇H₁₇N₅O₂
 Molecular Weight: 323.349
 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	NSC 645827 is an inhibitor of NAD(P)H:quinone oxidoreductase 1 (NQO1), with an IC ₅₀ of 0.7 μM.
Targets(IC ₅₀)	Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0926 mL	15.4631 mL	30.9262 mL
5 mM	0.6185 mL	3.0926 mL	6.1852 mL
10 mM	0.3093 mL	1.5463 mL	3.0926 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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