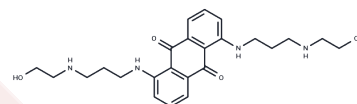


NSC363998 free base

Chemical Properties

CAS No. : 159357-82-1
 Formula: C₂₄H₃₂N₄O₄
 Molecular Weight: 440.54
 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	NSC363998 (free base), an orally active compound, suppresses rCGG90-induced neurotoxicity and is utilized in researching neurodegenerative disorders, including Fragile X associated tremor/ataxia syndrome (FXTAS) [1].
Targets(IC50)	Others
In vivo	NSC363998 (free base), when administered orally in concentrations of 0 or 5 μM, can inhibit neurotoxicity induced by rCGG90[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2699 mL	11.3497 mL	22.6994 mL
5 mM	0.454 mL	2.2699 mL	4.5399 mL
10 mM	0.227 mL	1.135 mL	2.2699 mL
50 mM	0.0454 mL	0.227 mL	0.454 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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