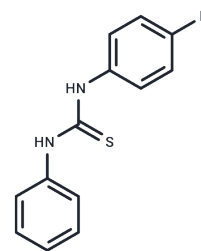


NSC 191412

Chemical Properties

CAS No. : 370-16-1
 Formula: C₁₃H₁₁FN₂S
 Molecular Weight: 246.3
 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 191412 interacts with a variety of enzymes and receptors, including acetylcholinesterase and receptors for the neurotransmitter dopamine, and is an agonist or activator of these enzymes and receptors.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (182.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0601 mL	20.3004 mL	40.6009 mL
5 mM	0.812 mL	4.0601 mL	8.1202 mL
10 mM	0.406 mL	2.030 mL	4.0601 mL
50 mM	0.0812 mL	0.406 mL	0.812 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

Serrano, J.L., Soeiro, P.F., Reis, M.A. et al. Mol Divers (2019). <https://doi.org/10.1007/s11030-019-09937-4>

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