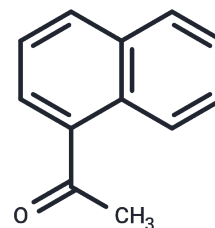


1-Acetylnaphthalene

Chemical Properties

CAS No. :	941-98-0
Formula:	C ₁₂ H ₁₀ O
Molecular Weight:	170.21
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	1-Acetylnaphthalene is a valuable biochemical reagent, applied in studies involving Geotrichum candidum, a fungal species.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (470.01 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	5.8751 mL	29.3755 mL	58.751 mL
5 mM	1.175 mL	5.8751 mL	11.7502 mL
10 mM	0.5875 mL	2.9375 mL	5.8751 mL
50 mM	0.1175 mL	0.5875 mL	1.175 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

Wang CN,et al. Enhancing the organic solvent resistance of ω-amine transaminase for enantioselective synthesis of (R)-(+)-1(1-naphthyl)-ethylamine. Biotechnol J. 2023 Oct;18(10):e2300120.

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