

(+)-1-(1-Naphthyl)ethylamine**Chemical Properties**

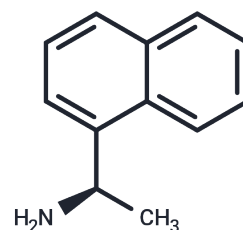
CAS No. : 3886-70-2

Formula: C₁₂H₁₃N

Molecular Weight: 171.2383

Storage: Keep away from direct sunlight, Store under nitrogen
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	(+)-1-(1-Naphthyl)ethylamine ((+)-1-(1-NEA)) acts as a chiral modifier to introduce enantioselectivity in catalytic hydrogenation reactions. The 1-NEA compound facilitates H-D exchange with D ₂ in solution, establishing an N?D bond. This indicates that 1-NEA enables adsorption and protonation on Pt surfaces through its amine N atom, suggesting the potential of NEA molecules to impart enantioselectivity to Pt hydrogenation catalysts.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8398 mL	29.1988 mL	58.3976 mL
5 mM	1.168 mL	5.8398 mL	11.6795 mL
10 mM	0.584 mL	2.9199 mL	5.8398 mL
50 mM	0.1168 mL	0.584 mL	1.168 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.

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