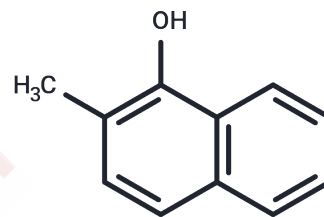


2-Methyl-1-naphthol

Chemical Properties

CAS No. :	7469-77-4
Formula:	C ₁₁ H ₁₀ O
Molecular Weight:	158.2
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2-Methyl-1-naphthol is a prostaglandin G/H synthase and polyunsaturated fatty acid 5-lipoxygenase inhibitor, suitable for biochemical experiments and drug synthesis.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3211 mL	31.6056 mL	63.2111 mL
5 mM	1.2642 mL	6.3211 mL	12.6422 mL
10 mM	0.6321 mL	3.1606 mL	6.3211 mL
50 mM	0.1264 mL	0.6321 mL	1.2642 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

- Kholdeeva OA, et al. Mechanistic insights into oxidation of 2-methyl-1-naphthol with dioxygen: autoxidation or a spin-forbidden reaction? J Phys Chem B. 2011 Oct 27;115(42):11971-83.
- Taguchi H, et al. Selective Oxidation of 2-Methylnaphthalene to 2-Methyl-1-naphthol by Rhodococcus sp. M192. Biosci Biotechnol Biochem. 1996 Jan;60(5):769-72.

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