

## (3S)-3,7-dimethyloctan-1-ol

## Chemical Properties

CAS No. :	68680-98-8
Formula:	C <sub>10</sub> H <sub>22</sub> O
Molecular Weight:	158.281
Storage:	Keep away from moisture 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	(3S)-3,7-dimethyloctan-1-ol ((S)-3,7-dimethyl-1-octanol) can be used to synthesize liquid crystal compounds and nanoparticles.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3179 mL	31.5896 mL	63.1792 mL
5 mM	1.2636 mL	6.3179 mL	12.6358 mL
10 mM	0.6318 mL	3.159 mL	6.3179 mL
50 mM	0.1264 mL	0.6318 mL	1.2636 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

Yagi, S., Matsunaga, T., Hamakubo, K. et al. Novel freebase and zinc bilinone dimers with optically active peripheral groups. Synthesis and application to chiral nematic induction in a nematic mesophase. Res Chem Intermed 35, 1033 (2009).

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