

## 3,3-Dimethyl-1-butanol

## Chemical Properties

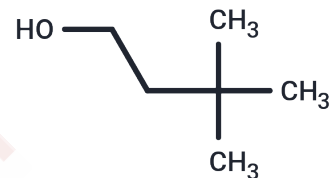
CAS No. : 624-95-3

Formula: C<sub>6</sub>H<sub>14</sub>O

Molecular Weight: 102.17

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	3,3-Dimethyl-1-butanol (DMB) is an orally active compound that inhibits trimethylamine (TMA) and trimethylamine N-oxide (TMAO), as well as the p65 NF-κB and TGF-β1/Smad3 signaling pathways, with potential for preventing or treating cardiovascular disease (CVD).
Targets(IC50)	Others,NF-κB,Endogenous Metabolite,TGF-beta/Smad

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7876 mL	48.938 mL	97.8761 mL
5 mM	1.9575 mL	9.7876 mL	19.5752 mL
10 mM	0.9788 mL	4.8938 mL	9.7876 mL
50 mM	0.1958 mL	0.9788 mL	1.9575 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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