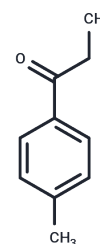


## 4'-Methylpropiophenone

## Chemical Properties

CAS No. :	5337-93-9
Formula:	C <sub>10</sub> H <sub>12</sub> O
Molecular Weight:	148.2
Storage:	Store at RT Actual storage temperature shall be subject to the COA.



## Biological Description

Description	4'-Methylpropiophenone is commonly used as an organic synthesis intermediate and has a wide range of applications in biochemical experiments.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7476 mL	33.7382 mL	67.4764 mL
5 mM	1.3495 mL	6.7476 mL	13.4953 mL
10 mM	0.6748 mL	3.3738 mL	6.7476 mL
50 mM	0.135 mL	0.6748 mL	1.3495 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

Karunakaran V, et al. Experimental and theoretical investigation of the molecular structure, conformational stability, hyperpolarizability, electrostatic potential, thermodynamic properties and NMR spectra of pharmaceutical important molecule: 4'-methylpropiophenone. Spectrochim Acta A Mol Biomol Spectrosc. 2014 Jul 15;128:1-14.

Hughes DT, et al. A determinant of odorant specificity is located at the extracellular loop 2-transmembrane domain 4 interface of an Anopheles gambiae odorant receptor subunit. Chem Senses. 2014 Nov;39(9):761-9.

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