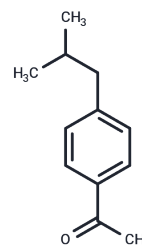


4'-(2-Methylpropyl)acetophenone

Chemical Properties

CAS No. :	38861-78-8
Formula:	C ₁₂ H ₁₆ O
Molecular Weight:	176.25
Storage:	Store under nitrogen Pure form: -20°C for 3 years In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	4'-(2-Methylpropyl)acetophenone (4-Isobutylacetophenone) is used as pharmaceutical intermediates.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Limited solubility, DMSO: Limited solubility, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6738 mL	28.3688 mL	56.7376 mL
5 mM	1.1348 mL	5.6738 mL	11.3475 mL
10 mM	0.5674 mL	2.8369 mL	5.6738 mL
50 mM	0.1135 mL	0.5674 mL	1.1348 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

Manso J, et al. Talanta. 2014 Jul;125:87-93.

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