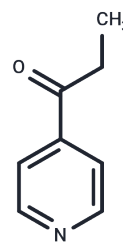


1-(4-Pyridinyl)-1-propanone

Chemical Properties

CAS No. :	1701-69-5
Formula:	C ₈ H ₉ NO
Molecular Weight:	135.16
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	1-(4-Pyridinyl)-1-propanone exhibits anticonvulsant activity in mice and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 4 mg/mL (29.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3986 mL	36.9932 mL	73.9864 mL
5 mM	1.4797 mL	7.3986 mL	14.7973 mL
10 mM	0.7399 mL	3.6993 mL	7.3986 mL
50 mM	0.148 mL	0.7399 mL	1.4797 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

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Riaz S, et al. Novel pyridine-2,4,6-tricarbohydrazone derivatives: design, synthesis, characterization and in vitro biological evaluation as α - and β -glucosidase inhibitors. *Bioorg Chem*. 2014 Dec;57:148-54.

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