

1-(4-Thiazolyl)ethanone

Chemical Properties

CAS No. :	38205-66-2
Formula:	C ₅ H ₅ NOS
Molecular Weight:	127.164
Storage:	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	1-(4-Thiazolyl)ethanone is a high purity biochemical reagent that can be used in research related to life sciences.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8641 mL	39.3205 mL	78.6411 mL
5 mM	1.5728 mL	7.8641 mL	15.7282 mL
10 mM	0.7864 mL	3.9321 mL	7.8641 mL
50 mM	0.1573 mL	0.7864 mL	1.5728 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

Genna DT, Posner GH. Cyanocuprates convert carboxylic acids directly into ketones. Org Lett. 2011 Oct 7;13(19): 5358-61.

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