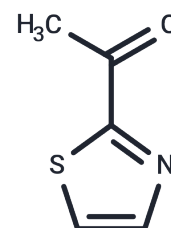


2-Acetylthiazole

Chemical Properties

CAS No. :	24295-03-2
Formula:	C ₅ H ₅ NOS
Molecular Weight:	127.16
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	2-Acetylthiazole (2-Acetylthiazole;2 Acetylthiazole) is used in the preparation of chiral alcohols, triazolothiazoles, it is also used in aldol condensation reactions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (471.85 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	7.8641 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

Watanabe A, Kamada G, Imanari M, Shiba N, Yonai M, Muramoto T. Effect of aging on volatile compounds in cooked beef. Meat Sci. 2015 Sep;107:12-9. doi: 10.1016/j.meatsci.2015.04.004. Epub 2015 Apr 16. PubMed PMID: 25919931.

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