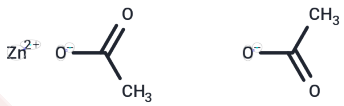
Data Sheet (Cat.No.T35372)

TargetMol

Zinc acetate

Chemical Properties



CAS No. : 557-34-6

Formula: C4H6O4Zn

Molecular Weight: 183.5

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	Zinc acetate (Dicarbomethoxy) can induce the expression of metallothionein in intestinal cells.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 255 mg/mL (1389.65 mM),Sonication is recommended. H2O: 50 mg/mL (272.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4496 mL	27.248 mL	54.4959 mL
5 mM	1.0899 mL	5.4496 mL	10.8992 mL
10 mM	0.545 mL	2.7248 mL	5.4496 mL
50 mM	0.109 mL	0.545 mL	1.0899 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

Joshua P.Gray, et al. ScienceDirect. Side Effects of Drugs Annual Volume 38, 2016, Pages 205-210.

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