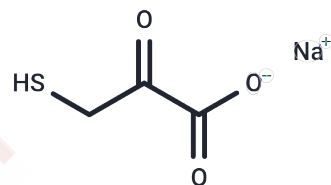


Sodium mercaptopyruvate

Chemical Properties

CAS No. :	10255-67-1
Formula:	C ₃ H ₃ NaO ₃ S
Molecular Weight:	142.11
Storage:	Store at RT Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium mercaptopyruvate is a sodium salt of an organic acid containing a thiol group and a metabolite of cysteine, playing a crucial role in maintaining cellular redox balance.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 8 mg/mL (56.29 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	7.0368 mL	35.184 mL	70.368 mL
5 mM	1.4074 mL	7.0368 mL	14.0736 mL
10 mM	0.7037 mL	3.5184 mL	7.0368 mL
50 mM	0.1407 mL	0.7037 mL	1.4074 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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