

Cysteinylglycine acetate

Chemical Properties

CAS No. :

Formula: C7H14N2O5S

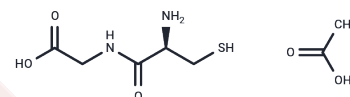
Molecular Weight: 238.26

Storage:

Store at low temperature, Keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

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|---------------|---|
| Description | Cysteinylglycine acetate (Cys-Gly Acetate) is an acetate salt of Cysteinylglycine. Cysteinylglycine is an endogenous metabolite. Cysteinylglycine is used in disease diagnosis. |
| Targets(IC50) | Endogenous Metabolite |

Solubility Information

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|------------|--|
| Solubility | DMSO: 22.5 mg/mL (94.43 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 | 4.1971 mL | 20.9855 mL | 41.971 mL |
| 5 mM | 0.8394 mL | 4.1971 mL | 8.3942 mL |
| 10 mM | 0.4197 mL | 2.0985 mL | 4.1971 mL |
| 50 mM | 0.0839 mL | 0.4197 mL | 0.8394 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

Houghton SC, et al. Plasma B-vitamin and one-carbon metabolites and risk of breast cancer before and after folic acid fortification in the United States. *Int J Cancer*. 2019 Apr 15;144(8):1929-1940.

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