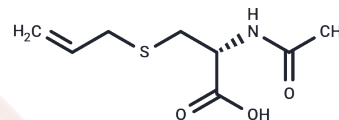


S-Allylmercapturic Acid

Chemical Properties

CAS No. :	23127-41-5
Formula:	C ₈ H ₁₃ NO ₃ S
Molecular Weight:	203.26
Storage:	Store at low temperature, Keep away from moisture 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	S-Allylmercapturic Acid (N-Acetyl-S-allyl-L-cysteine) is a metabolite of S-allyl-L-cysteine present in black garlic with potential anti-gout effects, inhibiting both CYP2D6 and CYP-catalyzed reactions.
Targets(IC50)	Drug Metabolite

Solubility Information

Solubility	Ethanol: 30 mg/mL (147.59 mM), Sonication is recommended. DMF: 30 mg/mL (147.59 mM), Sonication is recommended. DMSO: 30 mg/mL (147.59 mM), Sonication is recommended. PBS (pH 7.2): 20 mg/mL (98.4 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9198 mL	24.599 mL	49.1981 mL
5 mM	0.984 mL	4.9198 mL	9.8396 mL
10 mM	0.492 mL	2.4599 mL	4.9198 mL
50 mM	0.0984 mL	0.492 mL	0.984 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

Praticò G, et al. Biomarkers of food intake for Allium vegetables. Genes Nutr. 2018 Dec 27;13:34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481