

Lentic acid

Chemical Properties

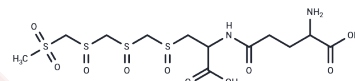
CAS No. : 12705-98-5

Formula: C₁₂H₂₂N₂O₁₀S₄

Molecular Weight: 482.57

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	Lentic acid is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0722 mL	10.3612 mL	20.7224 mL
5 mM	0.4144 mL	2.0722 mL	4.1445 mL
10 mM	0.2072 mL	1.0361 mL	2.0722 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 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

- Altinoz MA, Elmaci I, Cengiz S, Emekli-Alturfan E, Ozpinar A. From epidemiology to treatment: Aspirin's prevention of brain and breast-cancer and cardioprotection may associate with its metabolite gentisic acid. *Chem Biol Interact.* 2018 Jun 7;291:29-39. doi: 10.1016/j.cbi.2018.05.016. [Epub ahead of print] PubMed PMID: 29885857.
- English SL, Forsythe JG. MALDI-TOF Mass Spectrometry of Model Prebiotic Peptides: Optimization of Sample Preparation. *Rapid Commun Mass Spectrom.* 2018 Jun 9. doi: 10.1002/rcm.8201. [Epub ahead of print] PubMed PMID: 29885215.
- Lu C, Li C, Chen B, Shen Y. Composition and antioxidant, antibacterial, and anti-HepG2 cell activities of polyphenols from seed coat of *Amygdalus pedunculata* Pall. *Food Chem.* 2018 Nov 1;265:111-119. doi: 10.1016/j.foodchem.2018.05.091. Epub 2018 May 22. PubMed PMID: 29884361.
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