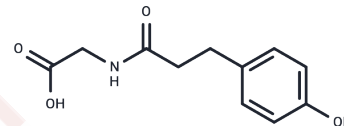


4-Hydroxyphenylpropionylglycine

Chemical Properties

CAS No. :	3850-43-9
Formula:	C ₁₁ H ₁₃ NO ₄
Molecular Weight:	223.23
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	4-Hydroxyphenylpropionylglycine, a metabolite derived from the conditionally essential amino acid tyrosine, is synthesized through a process involving aromatic amino acid aminotransferase and tyrosine aminotransferase activities, with subsequent modifications by gut microbiota and glycine conjugation. Additionally, it serves as a metabolite of the phenol phloretin.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	Ethanol: 20 mg/mL (89.59 mM),Sonication is recommended. DMSO: 10 mg/mL (44.8 mM),Sonication is recommended. DMF: 10 mg/mL (44.8 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	4.4797 mL	22.3984 mL	44.7968 mL
5 mM	0.8959 mL	4.4797 mL	8.9594 mL
10 mM	0.448 mL	2.2398 mL	4.4797 mL
50 mM	0.0896 mL	0.448 mL	0.8959 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481