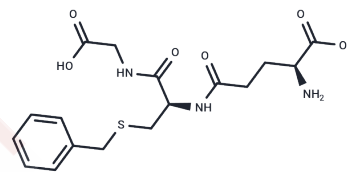


S-Benzylglutathione

Chemical Properties

CAS No. : 6803-17-4
 Formula: C₁₇H₂₃N₃O₆S
 Molecular Weight: 397.45
 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	S-Benzylglutathione acts as a competitive inhibitor of glutathionase and undergoes conversion by rat kidney microsomes into its cysteine derivatives. It is utilized in studies concerning the metabolic degradation of glutathione via the glutathionase system [1].
Targets(IC50)	Others,Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.516 mL	12.5802 mL	25.1604 mL
5 mM	0.5032 mL	2.516 mL	5.0321 mL
10 mM	0.2516 mL	1.258 mL	2.516 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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