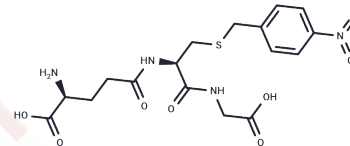


S-(p-Nitrobenzyl)glutathione

Chemical Properties

CAS No. : 6803-19-6
 Formula: C17H22N4O8S
 Molecular Weight: 442.44
 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-(p-Nitrobenzyl)glutathione acts as a competitive inhibitor of glutathionase. Rat kidney microsomes convert this compound into associated cysteine derivatives. It serves as a research tool in investigating the catabolism of glutathione by the glutathionase system [1] [2].
Targets(IC50)	Others,Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2602 mL	11.301 mL	22.6019 mL
5 mM	0.452 mL	2.2602 mL	4.5204 mL
10 mM	0.226 mL	1.1301 mL	2.2602 mL
50 mM	0.0452 mL	0.226 mL	0.452 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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