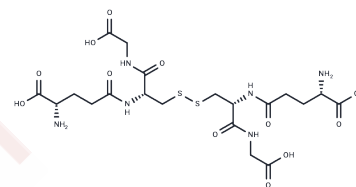


Glutathione oxidized

Chemical Properties

CAS No. : 27025-41-8
 Formula: C₂₀H₃₂N₆O₁₂S₂
 Molecular Weight: 612.63
 Appearance: no data available
 Storage: keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Glutathione oxidized (L(-)-Glutathione) is a GLUTATHIONE dimer formed by a disulfide bond between the cysteine sulfhydryl side chains during the course of being oxidized.
Targets(IC50)	Reactive Oxygen Species,Endogenous Metabolite,Glutathione reductase

Solubility Information

Solubility	DMSO: 1.39 mg/mL (2.27 mM),Sonification is recommended. H ₂ O: 66.67 mg/mL (108.82 mM),Sonification 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	1.6323 mL	8.1615 mL	16.3231 mL
5 mM	0.3265 mL	1.6323 mL	3.2646 mL
10 mM	0.1632 mL	0.8162 mL	1.6323 mL
50 mM	0.0326 mL	0.1632 mL	0.3265 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.

Reference

Hall MN, et al. Environ Health Perspect. 2013 Sep;121(9):1068-74.

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