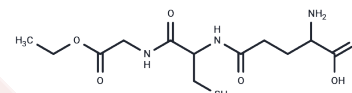


Glutathione monoethyl ester

Chemical Properties

CAS No. : 118421-50-4
 Formula: C₁₂H₂₁N₃O₆S
 Molecular Weight: 335.377
 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	Glutathione monoethyl ester, a derivative of glutathione, can protect motor neuron cells (NSC-34) from TDP-43 pathology caused by mutations, which includes reducing aggregate formation, nuclear clearance, reactive oxygen species (ROS) production, and cell death.
Targets(IC50)	Reactive Oxygen Species, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9817 mL	14.9085 mL	29.8169 mL
5 mM	0.5963 mL	2.9817 mL	5.9634 mL
10 mM	0.2982 mL	1.4908 mL	2.9817 mL
50 mM	0.0596 mL	0.2982 mL	0.5963 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481