

Thioredoxin reductase peptide TFA

Chemical Properties

CAS No. :

Formula: C₆₈H₁₀₇F₃N₁₈O₂₀S₂

Molecular Weight: 1617.81

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

Thioredoxin reductase peptide TFA, corresponding to residues 53-67 in thioredoxin reductase (TrxR), is utilized in thioredoxin reductase research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6181 mL	3.0906 mL	6.1812 mL
5 mM	0.1236 mL	0.6181 mL	1.2362 mL
10 mM	0.0618 mL	0.3091 mL	0.6181 mL
50 mM	0.0124 mL	0.0618 mL	0.1236 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

Jan YH, et al. Cross-linking of thioredoxin reductase by the sulfur mustard analogue mechlorethamine(methylbis (2-chloroethyl)amine) in human lung epithelial cells and rat lung: selective inhibition of disulfide reduction but not redox cycling. Chem Res Toxicol. 2014 Jan 21;27(1):61-75.

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