

## Thioredoxin reductase peptide TFA

## Chemical Properties

CAS No. :

Formula: C<sub>68</sub>H<sub>107</sub>F<sub>3</sub>N<sub>18</sub>O<sub>20</sub>S<sub>2</sub>

Molecular Weight: 1617.81

Keep away from moisture

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

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.

## 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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