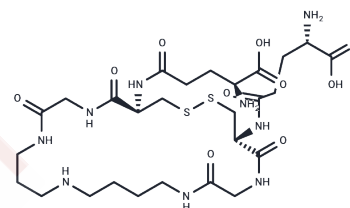


## Trypanothione

## Chemical Properties

CAS No. :	96304-42-6
Formula:	C <sub>27</sub> H <sub>47</sub> N <sub>9</sub> O <sub>10</sub> S <sub>2</sub>
Molecular Weight:	721.85
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	Trypanothione, a bis-glutathionyl derivative present in trypanosomatids, offers protection against oxidative stress [1] [2] [3].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3853 mL	6.9266 mL	13.8533 mL
5 mM	0.2771 mL	1.3853 mL	2.7707 mL
10 mM	0.1385 mL	0.6927 mL	1.3853 mL
50 mM	0.0277 mL	0.1385 mL	0.2771 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.

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