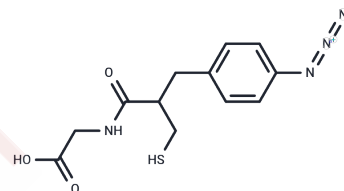


Azidothiorphan

Chemical Properties

CAS No. : 83960-29-6
 Formula: C₁₂H₁₄N₄O₃S
 Molecular Weight: 294.33
 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	Azidothiorphan is a photoaffinity ligand for the active site of the neutral endopeptidase 24.11. After ultraviolet irradiation the inhibitor binds irreversibly to the enzyme, and photolabeling occurs at the active site. The competitive inhibitor thiorphan protects the endopeptidase from inactivation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3975 mL	16.9877 mL	33.9755 mL
5 mM	0.6795 mL	3.3975 mL	6.7951 mL
10 mM	0.3398 mL	1.6988 mL	3.3975 mL
50 mM	0.068 mL	0.3398 mL	0.6795 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

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