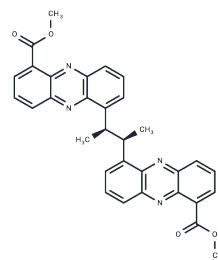


## Phenazostatin B

## Chemical Properties

CAS No. :	73649-05-5
Formula:	C <sub>32</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	530.57
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	Phenazostatin B is a phenazine derivative known for its neuroprotective properties. It acts by scavenging free radicals, protecting N18-RE 105 neuronal cells from glutamate-induced toxicity, and inhibiting lipid peroxidation. It inhibits glutamate toxicity in N18-RE-105 cells, with an EC <sub>50</sub> of 0.33 µg/mL.
Targets(IC <sub>50</sub> )	Others,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8848 mL	9.4238 mL	18.8477 mL
5 mM	0.377 mL	1.8848 mL	3.7695 mL
10 mM	0.1885 mL	0.9424 mL	1.8848 mL
50 mM	0.0377 mL	0.1885 mL	0.377 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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