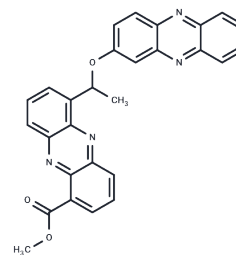


## Phenazostatin A

### Chemical Properties

CAS No. :	185614-22-6
Formula:	C <sub>28</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	460.48
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Phenazostatin A is a phenazine compound 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. Phenazostatin A inhibits glutamate toxicity in N18-RE-105 cells with an EC <sub>50</sub> of 0.34 µg/mL.
Targets(IC <sub>50</sub> )	Others,Antibiotic

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1716 mL	10.8582 mL	21.7165 mL
5 mM	0.4343 mL	2.1716 mL	4.3433 mL
10 mM	0.2172 mL	1.0858 mL	2.1716 mL
50 mM	0.0434 mL	0.2172 mL	0.4343 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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