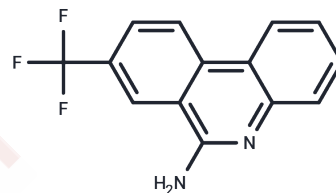


## 6-Amino-8-trifluoromethylphenanthridine

## Chemical Properties

CAS No. :	651055-83-3
Formula:	C <sub>14</sub> H <sub>9</sub> F <sub>3</sub> N <sub>2</sub>
Molecular Weight:	262.23
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	6-Amino-8-trifluoromethylphenanthridine (6A-8tFP) is an antiprion agent and a derivative of 6-aminophenanthridine. It inhibits the protein folding activity of the ribosome (PFAR) at a concentration of 150 μM and directly competes with protein substrates for the ribosomal active site.
Targets(IC50)	Others

## Solubility Information

Solubility	Ethanol: Soluble DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8134 mL	19.0672 mL	38.1345 mL
5 mM	0.7627 mL	3.8134 mL	7.6269 mL
10 mM	0.3813 mL	1.9067 mL	3.8134 mL
50 mM	0.0763 mL	0.3813 mL	0.7627 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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