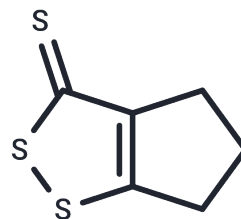


## CPDT

## Chemical Properties

CAS No. :	14085-33-7
Formula:	C <sub>6</sub> H <sub>6</sub> S <sub>3</sub>
Molecular Weight:	174.307
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	CPDT is an orally active and potent inducer of phase 2 enzymes as well as an activator of Nrf2. CPDT enhances the activity of critical phase 2 enzymes, such as glutathione S-transferase, NAD(P)H:quinone oxidoreductase 1, and gamma-glutamylcysteine synthetase, and increases glutathione levels both in the bladder of rats and in bladder cells in vitro.
Targets(IC50)	Nrf2

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7369 mL	28.6845 mL	57.3691 mL
5 mM	1.1474 mL	5.7369 mL	11.4738 mL
10 mM	0.5737 mL	2.8685 mL	5.7369 mL
50 mM	0.1147 mL	0.5737 mL	1.1474 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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