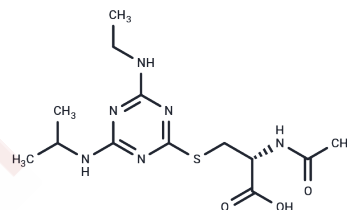


## Atrazine Mercapturate

## Chemical Properties

CAS No. :	138722-96-0
Formula:	C13H22N6O3S
Molecular Weight:	342.42
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	Atrazine mercapturate is a major, glutathione-derived metabolite of atrazine, an herbicide that is effective in controlling a broad range of weeds. Atrazine has been reported to cause cancer in certain laboratory animals, have diverse effects on the reproductive system in animals and humans, and disrupt the normal function of the endocrine system. Atrazine mercapturate is readily measured in urine samples.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	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	2.9204 mL	14.602 mL	29.2039 mL
5 mM	0.5841 mL	2.9204 mL	5.8408 mL
10 mM	0.292 mL	1.4602 mL	2.9204 mL
50 mM	0.0584 mL	0.292 mL	0.5841 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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