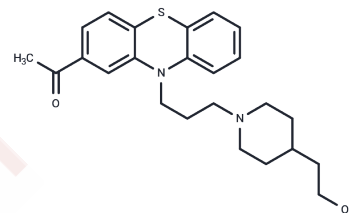


## Piperacetazine

## Chemical Properties

CAS No. :	3819-00-9
Formula:	C <sub>24</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	410.57
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	Piperacetazine (Piperacetazinum), an antipsychotic prodrug, is used for schizophrenia.
Targets(IC50)	Others, 5-HT Receptor, FOXO, Dopamine Receptor, Immunology/Inflammation related

## Solubility Information

Solubility	DMSO: 6.55 mg/mL (15.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4356 mL	12.1782 mL	24.3564 mL
5 mM	0.4871 mL	2.4356 mL	4.8713 mL
10 mM	0.2436 mL	1.2178 mL	2.4356 mL
50 mM	0.0487 mL	0.2436 mL	0.4871 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.

## Reference

Gallant DM, Bishop MP. Curr Ther Res Clin Exp. 1970 Jun;12(6):387-9.

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