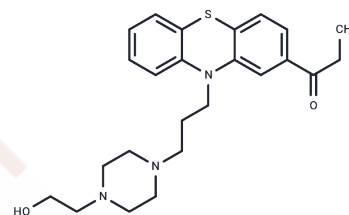


## carfenazine

## Chemical Properties

CAS No. :	2622-30-2
Formula:	C <sub>24</sub> H <sub>31</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	425.59
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	carfenazine targets the Dopamine receptor and is used for schizophrenia research.
Targets(IC50)	Others,Dopamine Receptor

## Solubility Information

Solubility	DMSO: 5.63 mg/mL (13.23 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	2.3497 mL	11.7484 mL	23.4968 mL
5 mM	0.4699 mL	2.3497 mL	4.6994 mL
10 mM	0.235 mL	1.1748 mL	2.3497 mL
50 mM	0.047 mL	0.235 mL	0.4699 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

Bora G. Comparison of dosage ranges of carphenazine and trifluoperazine in elderly chronic schizophrenics. Dis Nerv Syst. 1968 Oct;29(10):695-7.

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