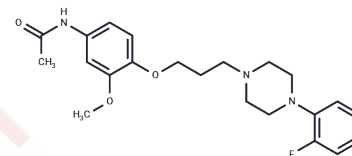


Mafoprazine

Chemical Properties

CAS No. :	80428-29-1
Formula:	C ₂₂ H ₂₈ FN ₃ O ₃
Molecular Weight:	401.47
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	Mafoprazine, a phenylpiperazine derivative, exhibits varying affinities for neuronal receptors, primarily exerting its antipsychotic effects through blocking D2 receptors and enhancing α -adrenergic activity. It also increases the activity of dopamine metabolites.
Targets(IC50)	Others, Adrenergic Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4908 mL	12.4542 mL	24.9085 mL
5 mM	0.4982 mL	2.4908 mL	4.9817 mL
10 mM	0.2491 mL	1.2454 mL	2.4908 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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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