

Mafoprazine methanesulfonate

Chemical Properties

CAS No. :	80428-31-5
Formula:	C23H32FN3O6S
Molecular Weight:	497.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Mafoprazine methanesulfonate, a phenylpiperazine derivative, exhibits varying affinity for neuronal receptors. It likely exerts its antipsychotic effects primarily through D2 receptor blockade and alpha-adrenergic activity, while also enhancing the activity of dopamine metabolites.
Targets(IC50)	Adrenergic Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0097 mL	10.0486 mL	20.0973 mL
5 mM	0.4019 mL	2.0097 mL	4.0195 mL
10 mM	0.201 mL	1.0049 mL	2.0097 mL
50 mM	0.0402 mL	0.201 mL	0.4019 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481