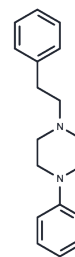


UMB24

Chemical Properties

CAS No. : 1033-69-8
 Formula: C₁₇H₂₁N₃
 Molecular Weight: 267.37
 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	UMB24 is an effective antagonist of the σ_2 receptor, exhibiting dissociation constants (K_i values) of 170 nM for the σ_2 receptor and 322 nM for the σ_1 receptor. This compound mitigates cocaine-induced convulsions and hyperactivity without causing mortality.
Targets(IC50)	Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7401 mL	18.7007 mL	37.4014 mL
5 mM	0.748 mL	3.7401 mL	7.4803 mL
10 mM	0.374 mL	1.8701 mL	3.7401 mL
50 mM	0.0748 mL	0.374 mL	0.748 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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