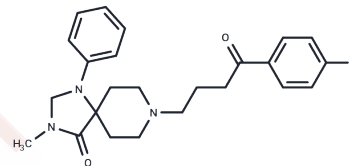


N-Methylspiroperidol

Chemical Properties

CAS No. :	87539-19-3
Formula:	C ₂₄ H ₂₈ N ₃ O ₂
Molecular Weight:	409.496
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	N-Methylspiroperidol is a D2 receptor antagonist. This compound can be labeled as [18F]N-Methylspiroperidol, which allows for the investigation of its interaction with 5-HT _{2C} receptors via PET (positron emission tomography), as well as examining the competition and impact of neurotransmitters like dopamine on these receptors.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.442 mL	12.210 mL	24.420 mL
5 mM	0.4884 mL	2.442 mL	4.884 mL
10 mM	0.2442 mL	1.221 mL	2.442 mL
50 mM	0.0488 mL	0.2442 mL	0.4884 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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