

σ 1 Receptor ligand 1

Chemical Properties

CAS No. :

Formula: C₂₂H₂₈N₂O₂

Molecular Weight: 352.47

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	σ 1 Receptor ligand 1 (compound 5l) is a σ 1 receptor ligand with a K _i value of 3.9 nM. It demonstrates a high plasma protein binding rate (89%) and exhibits good metabolic stability in the presence of mouse liver microsomes and NADPH. σ 1 Receptor ligand 1 is applicable in neuroscience and cancer research.
Targets(IC50)	Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8371 mL	14.1856 mL	28.3712 mL
5 mM	0.5674 mL	2.8371 mL	5.6742 mL
10 mM	0.2837 mL	1.4186 mL	2.8371 mL
50 mM	0.0567 mL	0.2837 mL	0.5674 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.

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