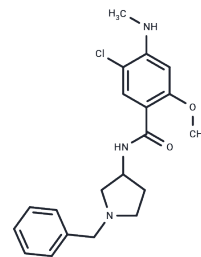


YM-08050

Chemical Properties

CAS No. : 73328-60-6
 Formula: C₂₀H₂₄ClN₃O₂
 Molecular Weight: 373.88
 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	YM-08050 is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6747 mL	13.3733 mL	26.7465 mL
5 mM	0.5349 mL	2.6747 mL	5.3493 mL
10 mM	0.2675 mL	1.3373 mL	2.6747 mL
50 mM	0.0535 mL	0.2675 mL	0.5349 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.

Reference

Kuribara H, Tadokoro S. [Effects of cis-N-(1-benzyl-2-methylpyrrolidin-3-yl)-5-chloro-2-methoxy-4-methylaminobenzamide (YM-09151-2) on operant avoidance responses in rats (author's transl)]. *Nihon Yakurigaku Zasshi*. 1981 May;77(5):521-30. Japanese. PubMed PMID: 7297960.

Kuribara H, Tadokoro S. Enhancement of the avoidance-suppressing effects of neuroleptic agents after repeated administration: changes in the discriminated avoidance response in rats. *Psychopharmacology (Berl)*. 1981;75(2):148-51. PubMed PMID: 6119725.

Usuda S, Nishikori K, Noshiro O, Maeno H. Neuroleptic properties of cis-N-(1-benzyl-2-methylpyrrolidin-3-yl)-5-chloro-2-methoxy-4-methylaminobenzamide (YM-09151-2) with selective antidopaminergic activity. *Psychopharmacology (Berl)*. 1981;73(2):103-9. PubMed PMID: 6112770.

Usuda S, Sano K, Maeno H. Pharmacological and biochemical studies on a new potential neuroleptic, N-(1-benzyl-3-pyrrolidinyl)-5-chloro-2-methoxy-4-methylaminobenzamide (YM-08050). *Arch Int Pharmacodyn Ther*. 1979 Sep;241(1):68-78. PubMed PMID: 43118.

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