

## 5-HT2C antagonist 1

## Chemical Properties

CAS No. :	204650-40-8
Formula:	C17H23NO3
Molecular Weight:	289.38
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	5-HT2C antagonist 1 (Compound 45) is a selective and orally active 5-HT2C receptor antagonist with a pKi value of 8.0. It effectively counteracts mCPP-induced penile erection in rats and is useful for research in neurological disorders and endocrinology, such as anxiety disorders.
Targets(IC50)	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4557 mL	17.2783 mL	34.5566 mL
5 mM	0.6911 mL	3.4557 mL	6.9113 mL
10 mM	0.3456 mL	1.7278 mL	3.4557 mL
50 mM	0.0691 mL	0.3456 mL	0.6911 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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