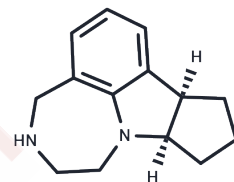


WAY 163909 hydrochloride

Chemical Properties

CAS No. :	428868-35-3
Formula:	C ₁₄ H ₁₉ ClN ₂
Molecular Weight:	250.77
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



HCl

Biological Description

Description	WAY 163909 hydrochloride is an effective agonist for the serotonin 5-HT _{2C} receptor, with an EC ₅₀ value of 8 nM and a maximal efficacy of 90%. It shows minimal activity at the 5-HT _{2A} receptor. The compound displays its selectivity with a K _i value of 10.5 nM at the 5-HT _{2C} receptor, compared to higher K _i values at 5-HT _{2A} (212 nM), 5-HT ₇ (343 nM), and 5-HT _{2B} (485 nM) receptors, and it lacks significant activity at various other receptors.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9877 mL	19.9386 mL	39.8772 mL
5 mM	0.7975 mL	3.9877 mL	7.9754 mL
10 mM	0.3988 mL	1.9939 mL	3.9877 mL
50 mM	0.0798 mL	0.3988 mL	0.7975 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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