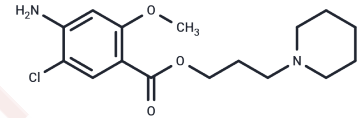


RS 23579-190

Chemical Properties

CAS No. : 172679-58-2
 Formula: C₁₆H₂₃ClN₂O₃
 Molecular Weight: 326.82
 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	RS 23579-190 is a highly selective 5-HT receptor antagonist in neuropharmacology. Capable of specifically blocking serotonin-mediated downstream excitatory postsynaptic potentials at picomolar concentrations, it is frequently used to dissect serotonergic signaling pathways within the gastrointestinal enteric nervous system and central cognitive networks.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0598 mL	15.2989 mL	30.5979 mL
5 mM	0.612 mL	3.0598 mL	6.1196 mL
10 mM	0.306 mL	1.5299 mL	3.0598 mL
50 mM	0.0612 mL	0.306 mL	0.612 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

Patel D A, Patel A C, Nolan W C, et al. High throughput screening for small molecule enhancers of the interferon signaling pathway to drive next-generation antiviral drug discovery[J]. PloS one, 2012, 7(5): e36594.

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