

RS 56812

## Chemical Properties

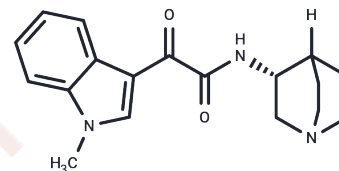
CAS No. : 143137-37-5

Formula: C<sub>18</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 311.38

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 56812 is a 5-HT <sub>3</sub> receptor antagonist and agonist used in the study of cognitive disorders.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2115 mL	16.0576 mL	32.1151 mL
5 mM	0.6423 mL	3.2115 mL	6.423 mL
10 mM	0.3212 mL	1.6058 mL	3.2115 mL
50 mM	0.0642 mL	0.3212 mL	0.6423 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

Terry AV Jr, et al. The 5-HT<sub>3</sub> receptor antagonist, RS-56812, enhances delayed matching performance in monkeys. Neuroreport. 1996 Dec 20;8(1):49-54.

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