

MRZ-8676

## Chemical Properties

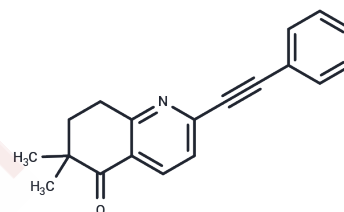
CAS No. : 872122-36-6

Formula: C<sub>19</sub>H<sub>17</sub>NO

Molecular Weight: 275.34

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	MRZ-8676 is an orally bioavailable and negative allosteric modulator of subtype 5 metabotropic glutamate receptors (mGluR5).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6319 mL	18.1594 mL	36.3187 mL
5 mM	0.7264 mL	3.6319 mL	7.2637 mL
10 mM	0.3632 mL	1.8159 mL	3.6319 mL
50 mM	0.0726 mL	0.3632 mL	0.7264 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

Rascol O, Fox S, Gasparini F, Kenney C, Di Paolo T, Gomez-Mancilla B. Use of metabotropic glutamate 5-receptor antagonists for treatment of levodopa-induced dyskinesias. *Parkinsonism Relat Disord*. 2014 Sep;20(9):947-56. doi: 10.1016/j.parkreldis.2014.05.003. Epub 2014 May 14. Review. PubMed PMID: 24951359.

Dekundy A, Gravius A, Hechenberger M, Pietraszek M, Nagel J, Tober C, van der Elst M, Mela F, Parsons CG, Danysz W. Pharmacological characterization of MRZ-8676, a novel negative allosteric modulator of subtype 5 metabotropic glutamate receptors (mGluR5): focus on L: -DOPA-induced dyskinesia. *J Neural Transm (Vienna)*. 2011 Dec;118(12):1703-16. doi: 10.1007/s00702-010-0526-0. Epub 2010 Dec 16. PubMed PMID: 21161716.

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