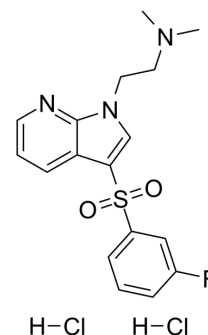


## WAY208466 dihydrochloride

Cat. No.:	HY-103133
CAS No.:	1207064-61-6
Molecular Formula:	C <sub>17</sub> H <sub>20</sub> Cl <sub>2</sub> FN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	420.33
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

WAY 208466 dihydrochloride is a potent and selective 5-HT<sub>6</sub> receptor agonist (EC<sub>50</sub>=7.3 nM for the human 5-HT<sub>6</sub> receptor). WAY-208466 dihydrochloride elevates cortical GABA levels in rat frontal cortex<sup>[1]</sup>. WAY 208466 dihydrochloride exhibits antidepressant and anxiolytic-like effects<sup>[2]</sup>.

### REFERENCES

[1]. Schechter LE, et al. Neuropharmacological profile of novel and selective 5-HT<sub>6</sub> receptor agonists: WAY-181187 and WAY-208466. *Neuropsychopharmacology*. 2008 May;33(6):1323-35.

[2]. Carr GV, Schechter LE, Lucki I. Antidepressant and anxiolytic effects of selective 5-HT<sub>6</sub> receptor agonists in rats. *Psychopharmacology (Berl)*. 2011 Feb;213(2-3):499-507.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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