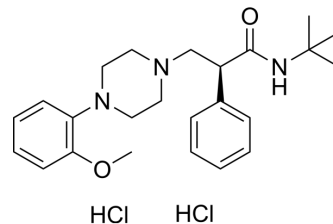


## (S)-WAY 100135 dihydrochloride

Cat. No.:	HY-110001
CAS No.:	149007-54-5
Molecular Formula:	C <sub>24</sub> H <sub>35</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	468.46
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

(S)-WAY 100135 dihydrochloride is a highly selective and potent antagonist of 5-HT<sub>1A</sub> (IC<sub>50</sub>=33.9 nM). (S)-WAY 100135 dihydrochloride has anxiolytic activity in animal models<sup>[1]</sup>.

### REFERENCES

[1]. Cliffe IA, et al. (S)-N-tert-butyl-3-(4-(2-methoxyphenyl)-piperazin-1-yl)-2-phenylpropanamide [(S)-WAY-100135]: a selective antagonist at presynaptic and postsynaptic 5-HT<sub>1A</sub> receptors. *J Med Chem.* 1993 May 14;36(10):1509-10.

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

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