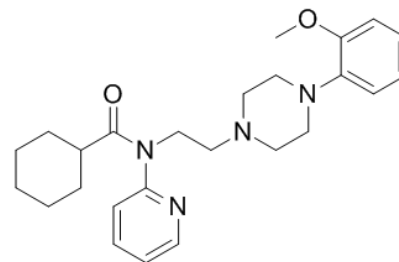


Product Name : WAY-100635
Cat. No. : PC-42547
CAS No. : 162760-96-5
Molecular Formula : C₂₅H₃₄N₄O₂
Molecular Weight : 422.563
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

WAY-100635 (WAY100635) is a potent and selective **5-HT_{1A}** receptor antagonist; also acts as potent full agonist at the D₄ receptor.

WAY-100635 completely prevents not only the hyperpolarization, with an IC₅₀ of 1.3 nM, but also the decrease in membrane input resistance produced by 5-HT and 5-carboxamidotryptamine with IC₅₀ of 22.5 μM and 50 nM, respectively.

References

Corradetti R, et al. *J Pharmacol Exp Ther.* 1996 Aug;278(2):679-88.

Fornal CA, et al. *J Pharmacol Exp Ther.* 1996 Aug;278(2):752-62.

García G, et al. *Eur J Med Chem.* 2014 Oct 6;85:795-806.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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