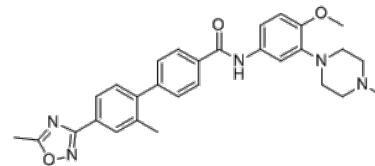


**Product Name** : GR127935  
**Cat. No.** : PC-61865  
**CAS No.** : 148672-13-3  
**Molecular Formula** : C<sub>29</sub>H<sub>31</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 497.587  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

GR127935 is a potent and selective **5-HT<sub>1B/1D</sub>** receptor antagonist with pK<sub>i</sub> of 8.5 for both guinea pig 5-HT<sub>1D</sub> and rat 5-HT<sub>1B</sub> receptor.

GR127935 displays >100-fold selectivity over 5HT<sub>1A</sub>, 5-HT<sub>2A</sub>, 5-HT<sub>2C</sub> receptors and other receptor types.

GR127935 blocks porcine carotid vascular response to sumatriptan in vivo; orally bioavailable and centrally active.

### References

Clitherow JW, et al. *J Med Chem*. 1994 Jul 22;37(15):2253-7.

Knobelman DA, et al. *J Pharmacol Exp Ther*. 2001 Sep;298(3):1083-91.

De Vries P, et al. *Br J Pharmacol*. 1996 May;118(1):85-92.

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

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