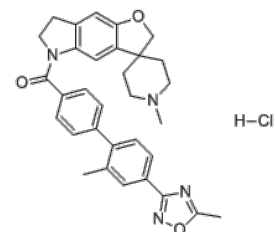


**Product Name** : SB 224289 hydrochloride  
**Cat. No.** : PC-38596  
**CAS No.** : 180084-26-8  
**Molecular Formula** : C<sub>32</sub>H<sub>33</sub>ClN<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 557.091  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

SB 224289 hydrochloride is a potent, selective 5-HT<sub>1B</sub> inverse agonist/antagonist with pK<sub>i</sub> value of 8.16, displays >75-fold selectivity over all other 5-HT receptors.

SB 224289 is a potent antagonist of terminal 5-HT autoreceptor function both in vitro and in vivo.

## References

Gaster LM, et al. *J Med Chem.* 1998 Apr 9;41(8):1218-35.

Pauwels PJ, et al. *Br J Pharmacol.* 1998 Jan;123(1):51-62.

Verheggen R, et al. *Br J Pharmacol.* 1998 Aug;124(7):1345-54.

J V Selkirk, et al. *Br J Pharmacol.* 1998 Sep;125(1):202-8.

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

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