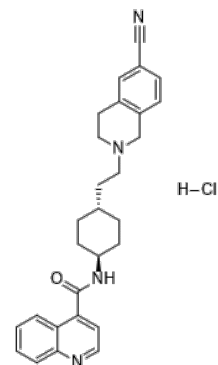


**Product Name** : SB-277011 hydrochloride  
**Cat. No.** : PC-23120  
**CAS No.** : 215804-67-4  
**Molecular Formula** : C<sub>28</sub>H<sub>31</sub>ClN<sub>4</sub>O  
**Molecular Weight** : 475.03  
**Target** : Dopamine Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

SB-277011 hydrochloride (SB277011A) is a potent and selective dopamine D<sub>3</sub> receptor antagonist with pK<sub>i</sub> of 8.0. SB-277011 displays >100-fold selectivity against the D<sub>2</sub>, 5-HT<sub>1B</sub>, and 5-HT<sub>1D</sub> receptors. SB-277011 exhibits high oral bioavailability and brain penetration in rats.

## References

- Stemp G, et al. J Med Chem. 2000 May 4;43(9):1878-85.  
Reavill C, et al. J Pharmacol Exp Ther. 2000 Sep;294(3):1154-65.  
Ashby CR Jr, et al. J Pharmacol Exp Ther. 2000 Sep;294(3):1166-74.

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

E-mail: tech@probechem.com