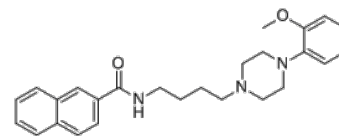


**Product Name** : BP 897  
**Cat. No.** : PC-61736  
**CAS No.** : 314776-92-6  
**Molecular Formula** : C<sub>26</sub>H<sub>31</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 417.553  
**Target** : Dopamine Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

BP 897 is the first, potent, selective partial **dopamine D3** receptor agonist with  $K_i$  of 0.92 nM.

BP 897 displays 70 times lower affinity for D2 ( $K_i=61$  nM), low affinities for D1 and D4 ( $K_i= 3$  and 0.3  $\mu$ M) and  $\alpha 1$  and  $\alpha 2$  adrenergic receptor ( $K_i=60$  and 83 nM), negligible affinities ( $K_i>1$   $\mu$ M) for muscarinic, histamine and opiate receptors.

BP 897 inhibits cocaine-seeking behaviour that depends upon the presentation of drug-associated cues, without having any intrinsic, primary rewarding effects.

## References

Pilla M, et al. Nature. 1999 Jul 22;400(6742):371-5.

Wood MD, et al. Eur J Pharmacol. 2000 Oct 27;407(1-2):47-51.

Wicke K, et al. Eur J Pharmacol. 2001 Jul 20;424(2):85-90.

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

E-mail: tech@probechem.com