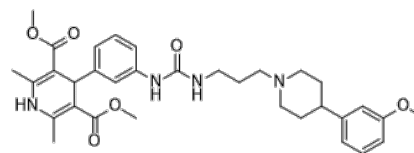


**Product Name** : BMS-193885  
**Cat. No.** : PC-26144  
**CAS No.** : 186185-03-5  
**Molecular Formula** : C<sub>33</sub>H<sub>42</sub>N<sub>4</sub>O<sub>6</sub>  
**Molecular Weight** : 590.72  
**Target** : Neuropeptide Y Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

BMS-193885 is a potent, selective neuropeptide Y(1) receptor (Y1R) antagonist with binding  $K_i$  of 3.3 nM, demonstrates full functional antagonism with  $K_b$  of 4.54 nM in forskolin-stimulated c-AMP production assay using CHO cells expressing human Y(1) receptor.

BMS-193885 inhibited NPY-induced feeding in satiated rats when dosed at 3.0 and 10.0 mg/kg (ip), and also decreased spontaneous overnight food consumption in rats at doses of 10 and 20 mg/kg (ip).

BMS-193885 (10 mg/kg) also reduced one-hour neuropeptide Y-induced food intake in satiated rats, as well as spontaneous overnight food consumption.

## References

Antal-Zimanyi I, et al. Eur J Pharmacol. 2008 Aug 20;590(1-3):224-32.

Poindexter GS, et al. Bioorg Med Chem. 2004 Jan 15;12(2):507-21.

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

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