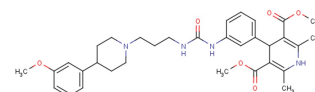


BMS-193885

**Chemical Properties**

CAS No.:	186185-03-5
Formula:	C33H42N4O6
Molecular Weight:	590.71
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	BMS-193885 is a potent, selective, competitive, and brain penetrant neuropeptide Y1 receptor antagonist. With a $K_i$ of 3.3 nM, and has an $IC_{50}$ of 5.9 nM for hY1. It displays > 100, > 160, > 160 and > 160-fold selectivity over $\alpha 1$ , hY2, hY4 and hY5 receptors, respectively [1] [2].
Targets( $IC_{50}$ )	Neuropeptide Y1 receptor: ( $K_i$ ) 3.3 nM hY1: 5.9 nM( $K_i$ )

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.693 mL	8.464 mL	16.929 mL
5 mM	0.339 mL	1.693 mL	3.386 mL
10 mM	0.169 mL	0.846 mL	1.693 mL
50 mM	0.034 mL	0.169 mL	0.339 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Antal-Zimanyi I, et al. Pharmacological characterization and appetite suppressive properties of BMS-193885, a novel and selective neuropeptide Y(1) receptor antagonist. Eur J Pharmacol. 2008 Aug 20;590(1-3):224-32.
2. Poindexter GS, et al. Dihydropyridine neuropeptide Y Y(1) receptor antagonists. Bioorg Med Chem Lett. 2002 Feb 11;12(3):379-82.

Inhibitors · Natural Compounds · Compound Libraries

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