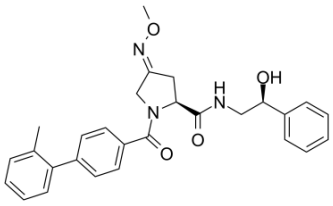
OT-R antagonist 2

Cat. No.:	HY-15015A
CAS No.:	364071-16-9
Molecular Formula:	$C_{28}H_{29}N_3O_4$
Molecular Weight:	471.55
Target:	Oxytocin Receptor
Pathway:	GPCR/G Protein
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	OT-R antagonist 2 is a nonpeptide low molecular weight OT-R antagonist. OT-R antagonist 2 inhibitis IP3-Synthesis, rat OT-R (IC50 = 0.33 μM).IC50 value: 0.33μMTarget: oxytocin receptor

REFERENCES

[1]. Cirillo R, et al. Pharmacology of (2S,4Z)-N-[(2S)-2-hydroxy-2-phenylethyl]-4-(methoxyimino) -1-[(2'-methyl[1,1'-biphenyl]-4-yl)carbonyl]-2-pyrrolidinecarboxamide, a new potent and selective nonpeptide antagonist of the oxytocin receptor. J Pharmacol Exp Ther. 2003 Jul;306(1):253-61.

[2]. William Nadler, et al. Method for preparing pyrrolidine oximes. WO/2005082848/A2.

[3]. Serge Halazy, et al. Pharmaceutically active pyrrolidine derivatives as bax inhibitors.WO/2001074769/A1.

[4]. Serge Halazy, et al. Pharmaceutically active pyrrolidine derivatives as bax inhibitors. WO/2001072705/A1.

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