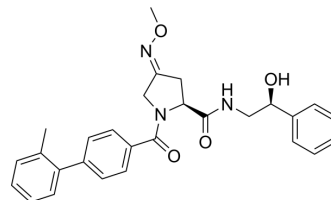


OT-R antagonist 2

Cat. No.:	HY-15015A		
CAS No.:	364071-16-9		
Molecular Formula:	C ₂₈ H ₂₉ N ₃ O 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	2 years
		-20°C	1 year



BIOLOGICAL ACTIVITY

Description

OT-R antagonist 2 is a nonpeptide low molecular weight OT-R antagonist. OT-R antagonist 2 inhibits IP₃-Synthesis, rat OT-R (IC₅₀ = 0.33 μM). IC₅₀ value: 0.33 μM Target: 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA