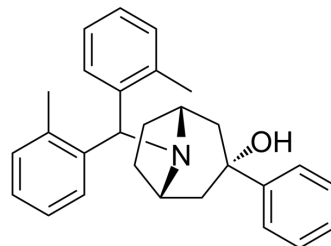


## SCH 221510

Cat. No.:	HY-107722
CAS No.:	322473-89-2
Molecular Formula:	C <sub>28</sub> H <sub>31</sub> NO
Molecular Weight:	397.55
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	SCH 221510 is a potent, orally active and selective NOP (nociceptin opioid receptor) agonist, with an EC <sub>50</sub> of 12 nM and K <sub>i</sub> of 0.3 nM. SCH 221510 shows an anxiolytic-like effect <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 12 nM (NOP) <sup>[1]</sup>

### REFERENCES

[1]. Varty GB, et al. The anxiolytic-like effects of the novel, orally active nociceptin opioid receptor agonist 8-[bis(2-methylphenyl)methyl]-3-phenyl-8-azabicyclo[3.2.1]octan-3-ol (SCH 221510). J Pharmacol Exp Ther. 2008 Aug;326(2):672-82.

**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