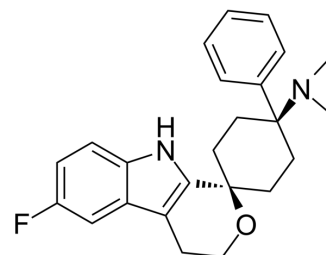


## Cebranopadol ((1 $\alpha$ ,4 $\alpha$ )stereoisomer)

<b>Cat. No.:</b>	HY-15536A		
<b>CAS No.:</b>	863513-93-3		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>27</sub> FN <sub>2</sub> O		
<b>Molecular Weight:</b>	378.48		
<b>Target:</b>	Opioid Receptor		
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



relative stereochemistry

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)  
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

### BIOLOGICAL ACTIVITY

#### Description

Cebranopadol ((1 $\alpha$ ,4 $\alpha$ )stereoisomer) is a stereoisomer of cebranopadol. Cebranopadol is a potent agonist activity on ORL-1.

#### IC<sub>50</sub> & Target

NOP Receptor/ORL1

### REFERENCES

[1]. Schunk S, et al. Discovery of a Potent Analgesic NOP and Opioid Receptor Agonist: Cebranopadol. ACS Med Chem Lett. 2014 Jun 24;5(8):857-62

**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