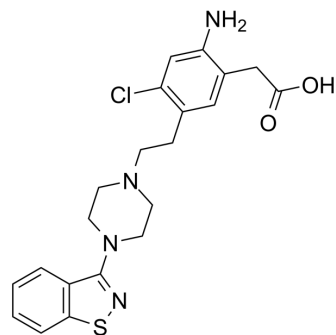


Ziprasidone amino acid

Cat. No.:	HY-131255		
CAS No.:	1159977-64-6		
Molecular Formula:	C ₂₁ H ₂₃ ClN ₄ O ₂ S		
Molecular Weight:	430.95		
Target:	5-HT Receptor; Dopamine Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 20.83 mg/mL (48.34 mM; ultrasonic and warming and heat to 60°C)
 DMSO : 4.81 mg/mL (11.16 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3205 mL	11.6023 mL	23.2045 mL
	5 mM	0.4641 mL	2.3205 mL	4.6409 mL
	10 mM	0.2320 mL	1.1602 mL	2.3205 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ziprasidone amino acid (Ziprasidone Impurity C) is an impurity of Ziprasidone. Ziprasidone is a combined 5-HT (serotonin) and dopamine receptor antagonist. Ziprasidone exhibits potent effects of antipsychotic activity^[1].

REFERENCES

[1]. T F Seeger, et al. Ziprasidone (CP-88,059): a new antipsychotic with combined dopamine and serotonin receptor antagonist activity. J Pharmacol Exp Ther. 1995 Oct;275(1):101-13.

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