

Ziprasidone

Catalog No: #S0031L2

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Description

Product Name	Ziprasidone
Brief Description	Inhibitors
Purification	99.35%
Target Name	5-HT Receptor antagonist; Adrenergic Receptor antagonist; Dopamine Receptor antagonist; Histamine Receptor antagonist; Norepinephrine antagonist
Calculated MW	412.94
Formulation	C21H21ClN4OS
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Nervous system
 SMILES: C1=CC(CCN2CCN(CC2)C2=NSC3=CC=CC=C23)C=C2CC(=O)NC2=C1
 Pathways: GPCR/G Protein; Neuroscience; Immunology/Inflammation
 Receptor: 5-HT transporter; 5-HT1A; 5-HT1B; 5-HT1D; 5-HT2A; 5-HT2C; 5-HT6; 5-HT7; α1A-adrenergic receptor; α2A-adrenergic receptor; D1; D2; D3; H1 receptor; norepinephrine transporter (NET)
 Boling pt: 554.8°C
 Melting pt: 213-215°C
 Solubility: Water: 2.13 mg/L
 Appearance: Yellowish-brown Solid
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Seeger TF, et al. J Pharmacol Exp Ther. 1995 Oct;275(1):101-13.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.