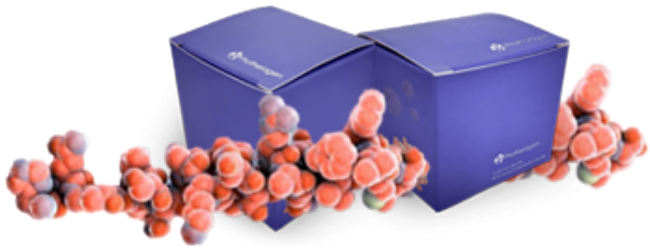
Protheragen
Obesity



Ziprasidone hydrochloride monohydrate

Cat. No.:	OB0225LY-0151
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR.
Size:	10 mg; 25 mg; 50 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Ziprasidone hydrochloride monohydrate is an atypical antipsychotic drug that wor ks primarily by inhibiting the reuptake of dopamine and 5-hydroxytryptophan.
Synonym	CP 88059; 138982-67-9; Ziprasidone HCl hydrate; 5-(2-(4-(Benzo[d]isothiazol-3-yl)piperazin-1-yl)ethyl)-6-chloroindolin-2-one hydrochloride hydrate; 2*H*-In dol-2-one, 5-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-6-chloro-1,3-d ihydro-, hydrochloride, hydrate (1:1:1); 5-(2-(4-(1,2-Benzisothiazol-3-yl)-1-pip erazinyl)ethyl)-6-chloro-2-indolinone monohydrochloride, monohydrate; 2*H*- Indol-2-one, 5-(2-(4-(1,2-benzisothiazol-3-yl)-1-piperazinyl)ethyl)-6-chloro-1,3 -dihydro-, monohydrochloride, monohydrate
CAS No.	138982-67-9
Compound CID	60853
Formula	$C_{21}H_{21}ClN_4OS \cdot HCl \cdot H_2O$
Formula Weight	467.12

Specification

IUPAC Name	5-[2-[4-(1,2-Benzothiazol-3-yl)piperazin-1-yl]ethyl]-6-chloro-1,3-dihydroindol-2 -one;hydrate;hydrochloride
InChI	InChI=1S/C21H21ClN4OS.ClH.H2O/c22-17-13-18-15(12-20(27)23-18)11-14(17)5-6-25-7-9 -26(10-8-25)21-16-3-1-2-4-19(16)28-24-21;;/h1-4,11,13H,5-10,12H2,(H,23,27);1H;1H 2

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
Phone: 1-631-506-1393
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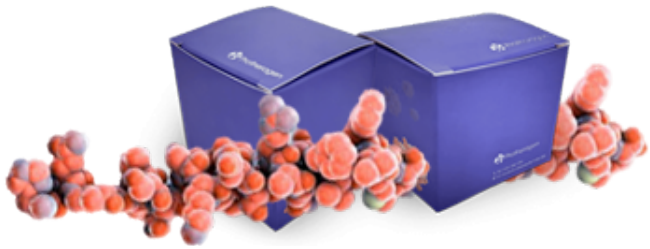

InChI Key	ZCBZSCBNOOIHFP-UHFFFAOYSA-N
SMILES string	C1CN(CCN1CCC2=C(C=C3C(=C2)CC(=O)N3)Cl)C4=NSC5=CC=CC=C54.O.Cl
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Ziprasidone hydrochloride monohydrate plays an important role in the field of mo od disorders.

Library Information

Targets	Histamine receptor family; 5-HT receptor family; Adrenergic receptor family; Dop amine receptor family; Monoamine transporter
Receptors	5-HT transporter; 5-HT1A; 5-HT1B; 5-HT1D; 5-HT2A; 5-HT2C; 5-HT6; 5-HT7; D1; D2; D3; H1 receptor; Norepinephrine transporter (NET); α1A-Adrenergic receptor; α2A-Adrenergic receptor
Pathways	GPCR/G protein; Immunology/Inflammation; Neuronal signaling
Plate Number	AOCL-2
Plate Location	h4
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10 mM DMSO
DMSO Max Solubility	1 mg/mL

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