

Product Name : Lurasidone hydrochloride

Synonyms : —

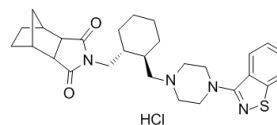
Cat No. : M14263

CAS Number : 367514-88-3

Molecular Formula : C₂₈H₃₆N₄O₂·HCl

Formula Weight : 529.14

Chemical Name : —



Description : Lurasidone is an atypical antipsychotic developed by Daiichi Sankyo. It was approved by the U.S. Food and Drug Administration (FDA) for treatment of schizophrenia on October 29, 2010 and is currently pending approval for the treatment of bipolar disorder in the United States.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT_{1A}; 5-HT_{2A}; 5-HT₇; D₂; Norepinephrine α_{2C}

Solubility : DMSO: 1 mg/mL (1.88 mM)

SMILES : C1CC[C@H]([C@@H](C1)CN2CCN(CC2)C3=NSC4=CC=CC=C43)CN5C(=O)[C@H]6[C@@H]7CC[C@H](C7)[C@H]6C5=O.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

I. Murai T, et al. Behav Brain Res. 2014 Mar 15;261:26-30.