

---

**Product Data Sheet**

---

Product Name: Ziprasidone amino acid

Cat. No.: GC61389

**Chemical Properties**

Cas. No. 1159977-64-6

SMILES O=C(O)CC1=CC(CCN2CCN(C3=NSC4=C3C=CC=C4)CC2)=C(Cl)C=C1NFormula C21H23ClN4O2S M.Wt 430.95

Solubility  $H_2O$  : 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) Store Storage at -20°C

General tips 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 months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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].

[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: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA