
Product Data Sheet

Product Name: Keto Ziprasidone

Cat. No.: GC60965

Chemical Properties

Cas. No. 884305-07-1

SMILES O=C1NC2=C(C=C(C(CN3CCN(C4=NSC5=C4C=CC=C5)CC3)=O)C(Cl)=C2)C1Formula C21H19ClN4O2S M.Wt 426.92

Solubility DMSO : 25 mg/mL (58.56 mM; ultrasonic and warming and heat to 60°C) Storage Store 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**

Keto Ziprasidone is an impurity of Ziprasidone[1]. Ziprasidone, an antipsychotic agent, is a combined 5-HT (serotonin) and dopamine receptor antagonist[2].

[1]. Sundaram Venkataraman, et al. Ziprasidone process. US7777037B2. [2]. Seeger, T.F., et al., Ziprasidone (CP-88,059): a new antipsychotic with combined dopamine and serotonin receptor antagonist activity. J Pharmacol Exp Ther, 1995. 275(1): p. 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