

---

**Product Data Sheet**

---

Product Name: 4-Hydroxyatomoxetine

Cat. No.: GC60517

**Chemical Properties**

Cas. No. 435293-66-6

SMILES OC1=CC=C(O[C@@H](C2=CC=CC=C2)CCNC)C(C)=C1Formula  $C_{17}H_{21}NO_2$  M.Wt 271.35

Solubility DMSO : 125 mg/mL (460.66 mM; Need ultrasonic) 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**

4-hydroxy Atomoxetine is a metabolite of the norepinephrine transporter (NET) inhibitor atomoxetine .<sup>1</sup> It is formed from atomoxetine by the cytochrome P450 (CYP) isoform CYP2D6 in human liver microsomes.

1.Sauer, J.-M., Ring, B.J., and Witcher, J.W. Clinical pharmacokinetics of atomoxetine Clin. Pharmacokinet. 44(6)571-590(2005)

**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

---