
Product Data Sheet

Product Name: meta-Fluoxetine (hydrochloride)

Cat. No.: GC18341

Chemical Properties

Cas. No. 79088-29-2

Chemical Name N-methyl-γ-[3-(trifluoromethyl)phenoxy]-benzenepropanamine, monohydrochloride

SMILES CNCCC(C1=CC=CC=C1)OC2=CC(C(F)(F)F)=CC=C2.ClFormula $C_{17}H_{18}F_3NO.HCl$

M.Wt 345.8

Solubility DMF: 16 mg/ml, DMSO: 12.5 mg/ml, Ethanol: 12.5 mg/ml, PBS (pH 7.2): 0.2 mg/ml

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**

meta-Fluoxetine is an isomer of fluoxetine that is found as an impurity in fluoxetine preparations. meta-Fluoxetine is a weaker serotonin selective reuptake inhibitor (SSRI) than fluoxetine, in which the trifluoromethyl group is at the para position ($K_{is} = 166$ and 17 nM, respectively, in rat brain synaptosomes).

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