

Product Data Sheet

Product Name: Citalopram hydrobromide

Cat. No.: GC14035

Chemical Properties

Cas. No. 59729-32-7

Chemical Name (R)-1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile hydrobromide

SMILES FC1=CC=C(C=C1)[C@@]2(CCCN(C)C)OCC3=CC(C#N)=CC=C23.Br

Formula $C_{20}H_{21}FN_2O.HBr$ M.Wt 405.31

Solubility $\geq 20.27\text{mg/mL}$ in DMSO Storage Store at RT

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.

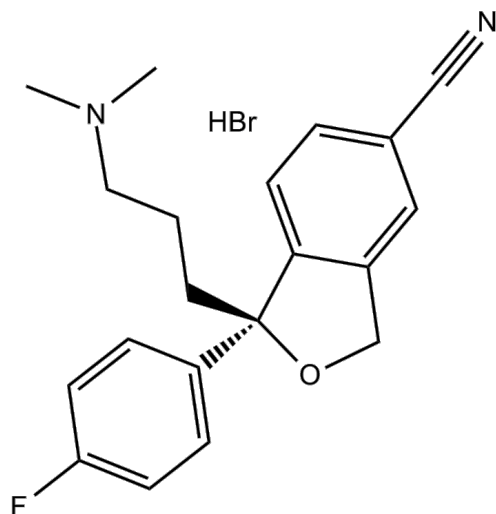
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

Citalopram hydrobromide is an antidepressant drug of the selective serotonin reuptake inhibitor (SSRI) class. It has US FDA approval to treat major depression.

References:

[1]. Cui R, et al. Effects of noradrenergic and serotonergic systems on risk-based decision-making and center arena activity in open field in rats. Eur J Pharmacol. 2018 Sep 27. pii: S0014-2999(18)30566-1.

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