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	≥ 20.27mg/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.
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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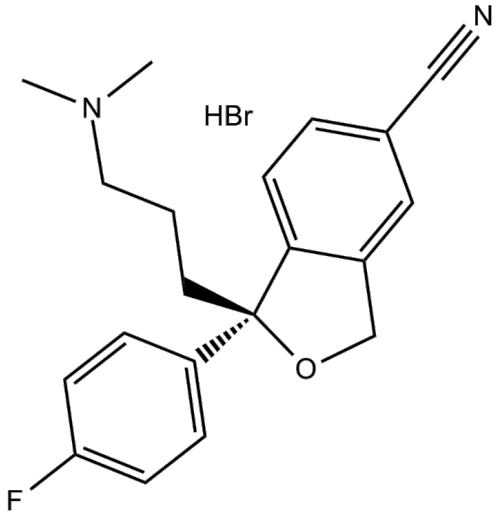
Structure



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.

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