
Product Data Sheet

Product Name: (R)-Citalopram oxalate

Cat. No.: GC50258

Chemical Properties

Cas. No. 219861-53-7

SMILES FC(C=C3)=CC=C3[C@@]1(CCCN(C)C)OCC2=C1C=CC(C#N)=C2.OC(C(O)=O)=O

Formula $C_{20}H_{21}FN_2O \cdot C_2H_2O_4$ M.Wt 414.43

Solubility Soluble in DMSO 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

Enantiomer of escitalopram oxalate. Postulated to allosterically modulate the affinity of the S-enantiomer. Racemate and S-enantiomer also available.

Jacquot et al (2007) Escitalopram and citalopram: the unexpected role of the R-enantiomer. *Encephale* 33 179 PMID:17675913 | Sánchez et al (2006) The pharmacology of cital. enantiomers: the antagonism by R-citalopram on the effect of S-citalopram. *Basic & Clinical Pharmacology & Toxicology* 99 91 PMID:16918708

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

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