
Product Data Sheet

Product Name: BRL 15572 hydrochloride

Cat. No.: GC50012

Chemical Properties

Cas. No. 1173022-77-9

SMILES Cl.OC(CN1CCN(CC1)C1=CC=CC(Cl)=C1)C(C1=CC=CC=C1)C1=CC=CC=C1Formula $C_{25}H_{27}ClN_2O.HCl$ M.Wt 443.42

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

A selective h5-HT1D antagonist, displaying 60-fold selectivity over h5-HT1B, and exhibiting little or no affinity for a range of other receptor types.

Hagan et al (1997) Stimulation of 5-HT1B receptors causes hypothermia in the rat. Eur.J.Pharmacol. 331 169 PMID:9274976 |Price et al (1997) SB-216641 and BRL-15572 - compounds to pharmacologically discriminate h5-HT1B and h5-HT1D receptors. Naunyn Schmiedebergs Arch.Pharmacol. 356 312 PMID:9303567 |Saxena et al (1998) 5-HT1-like receptors: a time to bid goodbye. TiPS 19 311 PMID:9745358 |Schlicker et al (1997) Effects of selective h5-HT1B (SB-216641) and h5-HT1D (BRL-15572) receptor ligands on guinea-pig and human 5-HT auto- and heteroreceptors. Naunyn Schmiedebergs Arch.Pharmacol. 356 321 PMID:9303568

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

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