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DATASHEET

LY-367385 hydrochloride

Product overview

Name LY-367385 hydrochloride

Cat No HB5153 **Biological action** Antagonist

Description Potent, highly selective mGlu_{1a} antagonist. Water soluble.

Biological Data

Biological description Potent, selective and competitive mGlu_{1a} receptor antagonist (IC₅₀ = 8.8 µM for blockade of quis-

induced phosphoinositide (PI) hydrolysis, compared with >100μM for mGluR₅ mediated responses). Water soluble form of LY367385. Impairs induction and late phases of both LTP and LTD when applied before high-frequency tetanization (HFT) or low-frequency stimulation (LFS). Shows

antidepressant, anticonvulsant and neuroprotective effects.

Solubility & Handling

Solubility overview Storage instructions

Storage of solutions

Shipping Conditions Important

Soluble in water (100 mM)

Room temperature

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Stable for ambient temperature shipping. Follow storage instructions on receipt.

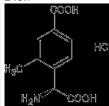
This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name Molecular Weight **Chemical structure** (S)-(+)-α-Amino-4-carboxy-2-methylbenzeneacetic acid hydrochloride

245.7



Molecular Formula **CAS Number SMILES** InChi

C₁₀H₁₁NO₄.HCl 198419-91-9

CI.Cc1cc(ccc1[C@H](N)C(=O)O)C(=O)O

InChI=1S/C10H11NO4.CIH/c1-5-4-6(9(12)13)2-3-7(5)8(11)10(14)15;/h2-4,8H,11H2,1H3,(H,12,13)(

H,14,15);1H/t8-;/m0./s1

IGKQWSUZDKTEPR-QRPNPIFTSA-N InChiKey