
Product Data Sheet

Product Name: LY 341495 disodium salt

Cat. No.: GC50053

Chemical Properties

Cas. No.

SMILES [Na+].[Na+].[H][C@@]1(C[C@@H]1C([O-])=O)[C@@](N)(CC1C2=CC=CC=C2OC2=C1C=CC=C2)C([O-])=O

Formula $C_{20}H_{17}NNa_2O_5$ M.Wt 397.33

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

Highly potent and selective group II metabotropic glutamate receptor antagonist. Disodium salt of LY 341495

Fitzjohn et al (1998) The potent mGlu receptor antagonist LY341495 identifies roles for both cloned and novel mGlu receptors in hippocampal synaptic plasticity. *Neuropharmacology* 37 1445 PMID:9886667 | Ornstein et al (1998) 2-Substituted (2SR)-2-amino-2-((1SR,2SR)-2-carboxycycloprop-1-yl) glycines as potent and selective antagonists of group II metabotropic glutamate receptors. 2. Effects of aromatic substitution, pharmacological characterization, and bioav *J.Med.Chem.* 41 358 PMID:9464367 | Johnson et al (1999) [3H]-LY341495 as a novel antagonist radioligand for group II metabotropic glutamate receptors: characterization of binding to membranes of mGlu receptor subtype expressing cells. *Neuropharmacology* 38 1519 PMID:10530814

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

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