Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

LY341495

Catalog No: tcsc0343

Available Sizes

Size: 2mg

Size: 5mg

Size: 10mg

Size: 25mg

Specifications

CAS No:
201943-63-7

Formula:
$C_{20}H_{19}NO_5$

Pathway:
GPCR/G Protein

Target:
mGluR

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Observed Molecular Weight:
353.37

Product Description

LY341495 is a **metabotropic glutamate receptor (mGluR)** antagonist with **IC_{50}**s of 2.9 nM, 10 nM, 170 nM for mGluR-2, mGluR-

Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

3, mGluR-8, respectively.

IC50 & Target: IC50: 2.9 nM (mGluR-2, human), 10 nM (mGluR-3, human), 170 nM (mGluR-8, human)

In Vivo: LY341495 (0.3, 1, and 3 mg/kg, i.p.) displays a lower level of discrimination in rats[1]. LY341495 (3.0 mg/kg) decreases Dvl-2, pGSK-3α/β and β-catenin protein levels but Dvl-1, Dvl-3 and GSK-3α/β are unaffected in both the PFC and STR. LY341495 has the generally the opposite effect following acute and chronic administration compared to mGlu2/3 agonist, LY379268[2]. LY341495 (3 mg/kg, i.p., 2.5 h) -induced c-Fos expression is not altered in either KO brain. LY341495 is almost inactive in the central extended amygdala [central nucleus of the amygdala, lateral (CeL) and bed nucleus of the stria terminalis, laterodorsal (BSTLD)] in mGluR3-KO mice[3].