Product Data Sheet

Product Name: LY354740
CAS No.: 176199-48-7
Cat. No.: HY-18941
MWT: 185.18
Formula: C8H11NO4
Purity: >98%

Solubility: DMSO: < 1.9 mg/mL

Mechanisms:
Pathways: GPCR/G protein; Target: mGluR

Biological Activity:
LY354740 is a highly potent, efficacious and selective group II (mGlu2/3) receptor agonist, produces >90% suppression of forskolin-stimulated cAMP formation with an EC50 of 5.1 ± 0.3 nM. IC50 value: 5.1 ± 0.3 nM (EC50) [1]
Target: mGlu2/3 receptor
in vivo: LY354740 is a selective and potent mGlu2/3 receptor agonists that show both anxiolytic- and antipsychotic-like effects in animal models. LY354740 (10 and 30?mg/kg, i.p.) shows statistically significant and dose-related attenuation of stress-induced increase in c-Fos expression, in the rat cortex.

References:

Caution: Not fully tested. For research purposes only

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