**Product Name:** LY404039

**CAS No.:** 635318-11-5

**Cat. No.:** HY-50906

**MWT:** 235.21

**Formula:** C7H9NO6S

**Purity:** >98%

**Solubility:**
- DMSO: 1 mg/mL
- H2O: < 1 mg/mL

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

**Biological Activity:**
LY404039 is an inhibitor for mGluR1 (Ki = 149 nM) and mGluR2 (Ki = 92 nM), which can also inhibit dopamine receptor.

IC50 Value: 149 nM (Ki for mGlu2); 92 nM (Ki for mGlu3) [1]

Target: mGluR1; mGluR2

Metabotropic glutamate (mGlu) receptors have been shown to mediate a number of behaviors including emotionality and responsivity to stress as demonstrated by efficacy in preclinical and clinical studies.

**Pathways:**
- GPCR/G protein
- Target: mGluR

**References:**


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**Caution:** Not fully tested. For research purposes only

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