

**Product Name:** (±)-LY 395756

**Catalog No.:** 3272

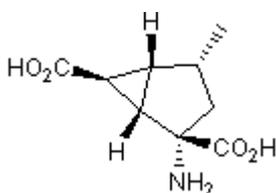
**Batch No.:** 2

**CAS Number:** 852679-66-4

**IUPAC Name:** (1S,2S,4R,5R,6S)-*rel*-2-Amino-4-methylbicyclo[3.1.0]hexane-2,6-dicarboxylic acid

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>9</sub>H<sub>13</sub>NO<sub>4</sub>  
**Batch Molecular Weight:** 199.21  
**Physical Appearance:** White solid  
**Solubility:** 1eq. HCl to 100 mM  
 1eq. NaOH to 100 mM  
**Storage:** Store at +4°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 99.9% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	54.26	6.58	7.03
Found	54.34	6.54	7.06

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**Description:**

Selective metabotropic glutamate ligand for mGlu<sub>2</sub> and mGlu<sub>3</sub> receptors (K<sub>i</sub> values are 0.165 μM and 0.302 μM respectively). Acts as an agonist at mGlu<sub>2</sub> and antagonist at mGlu<sub>3</sub>. Analog of LY 354740 (Cat. No. 3246).

**Physical and Chemical Properties:**

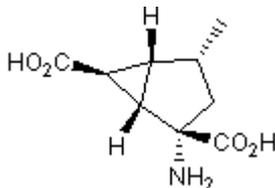
Batch Molecular Formula: C<sub>9</sub>H<sub>13</sub>NO<sub>4</sub>

Batch Molecular Weight: 199.21

Physical Appearance: White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at +4°C

**Solubility & Usage Info:**

1eq. HCl to 100 mM

1eq. NaOH to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

**Dominguez et al** (2005) Methyl substitution of 2-aminobicyclo[3.1.0]hexane 2,6-dicarboxylate (LY354740) determines functional activity at metabotropic glutamate receptors: identification of a subtype selective mGlu2 receptor agonist. *J.Med.Chem.* **48** 3605. PMID: 15887967.

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