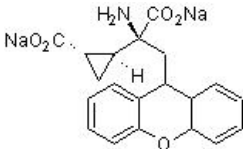


## Product datasheet

# LY 341495 disodium salt, group II/group III mGlu antagonist ab120818

[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	LY 341495 disodium salt, group II/group III mGlu antagonist
<b>Description</b>	Water-soluble group II/group III mGlu antagonist. Disodium salt of LY 341495 ( <a href="#">ab120199</a> ).
<b>Biological description</b>	<p>Water-soluble and very selective nanomolar potent antagonist for group II mGlu receptors. Also a relatively potent antagonist for group III mGlu receptors at high nanomolar to low micromolar concentrations. Disodium salt of LY 341495 (<a href="#">ab120199</a>) which displays <math>K_d</math> values of 1.67 (human mGlu<sub>2</sub>), 0.75 (mGlu<sub>3</sub>), 31.6 (mGlu<sub>6</sub>), 72.7 (mGlu<sub>7a</sub>) and 14 (human mGlu<sub>8a</sub> receptors) nM. LY 341495 displays IC<sub>50</sub> values of 7.8, 8.2 and 22 <math>\mu</math>M for mGlu<sub>1a</sub>, mGlu<sub>5a</sub> and mGlu<sub>4</sub> receptors, respectively. It is readily brain penetrant and active <i>in vivo</i>.</p> <p>Also available in simple stock solutions (<a href="#">ab144500</a>) - add 1 ml of water to get an exact, ready-to-use concentration.</p>
<b>Purity</b>	> 98%
<b>CAS Number</b>	201943-63-7
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	(2S)-2-Amino-2-[(1S,2S)-2-carboxycycloprop-1-yl]-3-(xanth-9-yl)propanoic acid disodium salt
<b>Molecular weight</b>	397.34
<b>Molecular formula</b>	C <sub>20</sub> H <sub>17</sub> NNa <sub>2</sub> O <sub>5</sub>
<b>PubChem identifier</b>	9819927
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in

tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

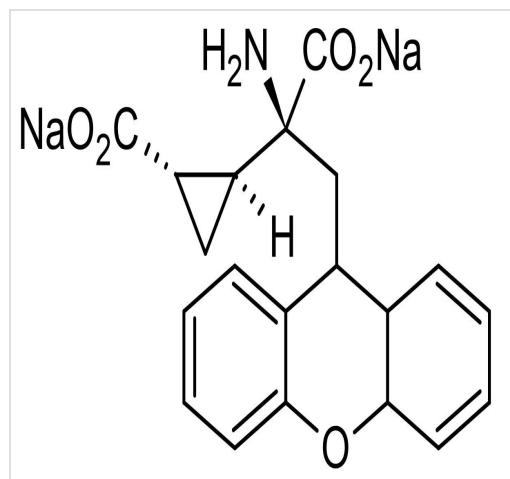
#### SMILES

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#### Source

Synthetic

#### Images



2D chemical structure image of ab120818, LY 341495 disodium salt, group II/group III mGlu antagonist

Chemical Structure - LY 341495 disodium salt,  
group II/group III mGlu antagonist (ab120818)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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