

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

1 References [1 图像](#)

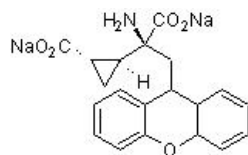
概述

产品名称	LY 341495 disodium salt, group II/group III mGlu拮抗剂
描述	Water-soluble group II/group III mGlu拮抗剂. Disodium salt of LY 341495 (ab120199).
生物学描述	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 (ab120199) which displays K_d values of 1.67 (human mGlu ₂), 0.75 (mGlu ₃), 31.6 (mGlu ₆), 72.7 (mGlu _{7a}) and 14 (human mGlu _{8a} receptors) nM. LY 341495 displays IC ₅₀ values of 7.8, 8.2 and 22 μ M for mGlu _{1a} , mGlu _{5a} and mGlu ₄ receptors, respectively. It is readily brain penetrant and active <i>in vivo</i> . Also available in simple stock solutions (ab144500) - add 1 ml of water to get an exact, ready-to-use concentration.

纯度 > 98%

CAS编号 201943-63-7

化学结构



性能

化学名称	(2S)-2-Amino-2-[(1S,2S)-2-carboxycycloprop-1-yl]-3-(xanth-9-yl)propanoic acid disodium salt
分子量	397.34
分子式	C ₂₀ H ₁₇ NNa ₂ O ₅
PubChem识别号	9819927
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	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.

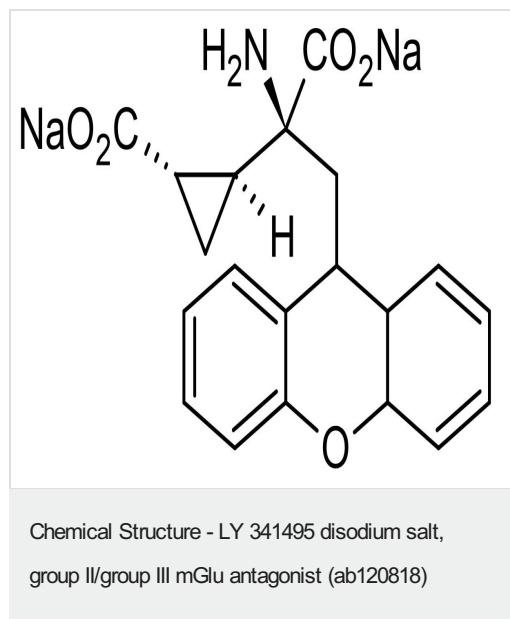
SMILES

C1[C@@H]([C@H]1[C@@](CC2C3=CC=CC=C3OC4=CC=CC=C24)(C(=O)O)N)C(=O)O

来源

Synthetic

图片



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

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

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