

Product datasheet

LY 341495 ab120199

10 References

概述

产品名称	LY 341495
描述	Potent, selective group II拮抗剂. Group III拮抗剂at higher concentrations.
生物学描述	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. K_d values for human receptors are 1.67 (mGlu ₂), 0.75 (mGlu ₃), 31.6 (mGlu ₆), 72.7 (mGlu _{7a}) and 14 nM (mGlu _{8a}). IC_{50} values are 7.8, 8.2 and 22 μ M for mGlu _{1a} , mGlu _{5a} and mGlu ₄ receptors, respectively. Readily brain penetrant and active <i>in vivo</i> .
纯度	> 98%
常规说明	Sold under license from Eli Lilly and company

性能

化学名称 (2S)-2-Amino-2-[(1S,2S)-2-carboxycycloprop-1-yl]-3-(xanth-9-yl)propanoic acid

分子量 353.37



分子式 C₂₀H₁₉NO₅

CAS编号 201943-63-7

PubChem识别号 9819927

存放说明 Store at Room Temperature. The product can be stored for up to 12 months.

溶解度概述 Soluble in DMSO to 10 mM and in 1.2 eq. NaOH 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 O=C(O)[C@H]1C[C@@H]1[C@@](N)(CC2c4cccc4Oc3cccc23)C(=O)O

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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