

Product datasheet

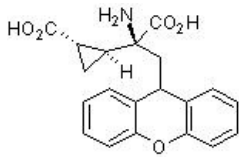
LY 341495 ab120199

10 References

概述

产品名称	LY 341495
描述	Potent, selective group II antagonist. Group III antagonist 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
化学结构	

分子式	C ₂₀ H ₁₉ NO ₅
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)(CC2c4ccccc4Oc3ccccc23)C(=O)O

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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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