

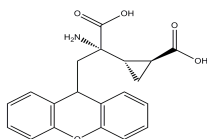
PRODUCT: LY-341495

ALTERNATE NAME: 2S)-2-Amino-2-[(1S,2S)-2-carboxycycloprop-1-yl]-3-(xanth-9-yl) propanoic acid

CATALOG #: 2875-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₉NO₅

MOLECULAR WEIGHT: 353.37

CAS NUMBER: 201943-63-7

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~ 3 mg/ml with slight warming)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: LY341495 is a potent, brain-permeable, and selective antagonist of the group II metabotropic glutamate receptors (mGluR), mGluR2 and mGluR3 (IC₅₀S = 21 and 14 nM, respectively, for human isoforms). It less effectively blocks mGluR8 and mGluR7 (IC₅₀S = 173 and 990 nM, respectively) and weakly antagonizes mGluR1, mGluR5, and mGluR4 (IC₅₀S = 6.8, 8.2, and 22 μM, respectively).

REFERENCES: Kingston, A.E., *et al.* (1998). *Neuropharmacology* **37**, 1-12.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Congo Red (Cat. No. 2588-100 500)

Evans Blue Tetrasodium (Cat. No. 2586-1G)

Kainic acid (Cat. No. 2279-5, 25)

LY404187 (Cat. No. 2698-5, 25)

Rose Bengal (Cat. No. 2587-100, 500)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**