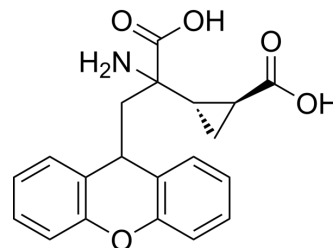


(Rac)-LY341495

Cat. No.:	HY-70059A		
Molecular Formula:	C ₂₀ H ₁₉ NO ₅		
Molecular Weight:	353.37		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.5 mg/mL (7.07 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8299 mL	14.1495 mL	28.2990 mL
	5 mM	0.5660 mL	2.8299 mL	5.6598 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(Rac)-LY341495 is the isomer of LY341495 (HY-70059), and can be used as an experimental control. LY341495 is a metabotropic glutamate receptor (mGluR) antagonist with IC₅₀s of 21 nM, 14 nM, 7.8 μM, 8.2 μM, 170 nM, 990 nM, 22 μM for mGlu2, mGlu3, mGlu1a, mGlu5a, mGlu8, mGlu7, and mGlu4 receptors, respectively^[5].

REFERENCES

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Caution: Product has not been fully validated for medical applications. For research use only.

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