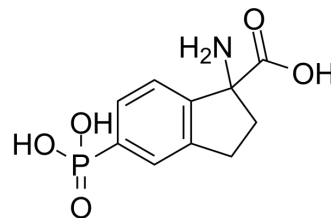


(RS)-APICA

Cat. No.:	HY-101375		
CAS No.:	170847-18-4		
Molecular Formula:	C ₁₀ H ₁₂ NO ₅ P		
Molecular Weight:	257.18		
Target:	mGluR		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

0.1 M NaOH : 6.25 mg/mL (24.30 mM; ultrasonic and warming and adjust pH to 11 with NaOH and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.8883 mL	19.4416 mL	38.8833 mL
5 mM	0.7777 mL	3.8883 mL	7.7767 mL
10 mM	0.3888 mL	1.9442 mL	3.8883 mL

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

BIOLOGICAL ACTIVITY

Description

(RS)-APICA is a selective group II metabotropic glutamate receptor (mGluR II) antagonist. (RS)-APICA shows potential neuroprotective effect^[1].

IC₅₀ & Target

mGluR2

REFERENCES

[1]. Ai J, et al. Presynaptic excitability as a potential target for the treatment of the traumatic cerebellum. Pharmacology. 2004 Aug;71(4):192-8.

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

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