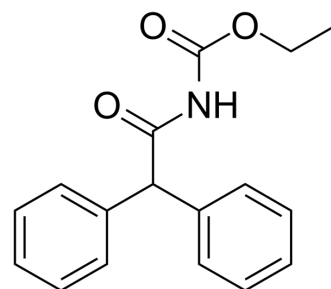


Ro 01-6128

Cat. No.:	HY-107507		
CAS No.:	302841-86-7		
Molecular Formula:	C ₁₇ H ₁₇ NO ₃		
Molecular Weight:	283.32		
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	DMSO : 100 mg/mL (352.96 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		3.5296 mL	17.6479 mL	35.2958 mL
		5 mM		0.7059 mL	3.5296 mL	7.0592 mL
10 mM			0.3530 mL	1.7648 mL	3.5296 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (8.82 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.82 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (8.82 mM); Clear solution; Need ultrasonic 					

BIOLOGICAL ACTIVITY

Description	Ro 01-6128 is a positive allosteric modulator of mGluR1 ^[1] .
IC₅₀ & Target	mGluR 1

REFERENCES

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

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