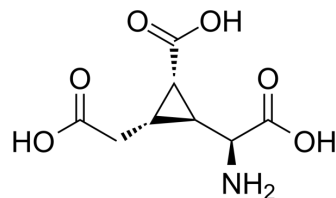


LBG30300

Cat. No.:	HY-162117
Molecular Formula:	C ₈ H ₁₁ NO ₆
Molecular Weight:	217.18
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LBG30300 is a subtype-selective mGlu ₂ receptor agonist EC ₅₀ 0.6 nM. LBG30300 is blood-brain barrier permeable ^[1] .			
IC₅₀ & Target	mGlu ₂ Receptor 0.6 nM (EC ₅₀)	mGlu ₃ 0.373 μM (EC ₅₀)	mGlu ₄ 0.11 μM (EC ₅₀)	mGlu ₆ 0.28 μM (EC ₅₀)
	mGlu ₈ Receptor 0.097 μM (EC ₅₀)			

REFERENCES

[1]. Liu N, et al. Design, Synthesis, Pharmacology, and In Silico Studies of (1S,2S,3S)-2-((S)-Amino(carboxy)methyl)-3-(carboxymethyl)cyclopropane-1-carboxylic Acid (LBG30300): A Picomolar Potency Subtype-Selective mGlu₂ Receptor Agonist. J Med Chem. 2024 Jan 3.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA