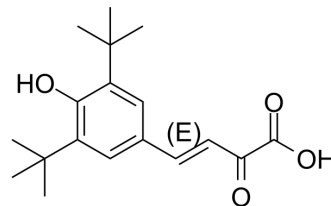


(E)-GABAB receptor antagonist 1

Cat. No.:	HY-129636		
CAS No.:	1611483-29-4		
Molecular Formula:	C ₁₈ H ₂₄ O ₄		
Molecular Weight:	304.38		
Target:	GABA Receptor		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	(E)-GABAB receptor antagonist 1 is a trans-GABAB receptor antagonist 1. GABAB receptor antagonist 1 (compound 14) is a selective and negative allosteric modulator of GABAB (γ -Aminobutyric acid) receptors. (E)-GABAB receptor antagonist 1 decreases GABA-induced IP3 (inositol trisphosphate) production with IC ₅₀ of 37.9 μ M ^[1] .
IC₅₀ & Target	GABAB receptor ^[1]
In Vitro	(E)-GABAB receptor antagonist 1 (compound 14) decreases agonist GABA-induced maximal effect of IP3 production in HEK293 cells overexpressing GABAB receptors and Gq β 9 proteins without changing the EC ₅₀ ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chen LH, et al. Discovery of a Negative Allosteric Modulator of GABAB Receptors. ACS Med Chem Lett. 2014 May 27;5(7):742-7.

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

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