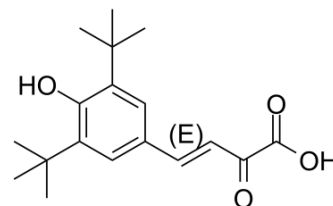


(E)-GABAB receptor antagonist 1

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:	Please store the product under the recommended conditions in the COA.



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 IP ₃ (inositol trisphosphate) production with IC ₅₀ of 37.9 μ M ^[1] .
IC ₅₀ & Target	GABAB receptor ^[1]
In Vitro	(E)-GABAB receptor antagonist 1 (compound 14) decreases agonist GABA-induced maximal effect of IP ₃ production in HEK293 cells overexpressing GABAB receptors and Gq α 9 proteins without changing the EC ₅₀ ^[1] .

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.

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