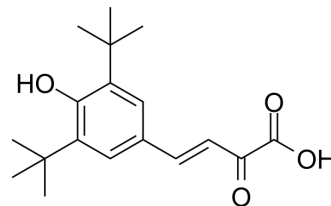


GABAB receptor antagonist 1

| | |
|--------------------|---|
| Cat. No.: | HY-129636A |
| CAS No.: | 797-17-1 |
| 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 Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | 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] . |
| IC₅₀ & Target | GABA _B ^[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 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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