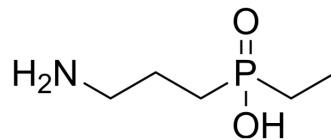


CGP36216

Cat. No.:	HY-103518
CAS No.:	123691-29-2
Molecular Formula:	C ₅ H ₁₄ NO ₂ P
Molecular Weight:	151.14
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	CGP36216 (Compound 9) is a GABAB receptor antagonist. CGP36216 binds to GABAB receptor with a K _i value of 0.3 μM. CGP36216 can be used for research of anxiety and trauma-related disorders ^{[1][2]} .
IC ₅₀ & Target	GABAB receptor ^[1]

REFERENCES

[1]. William Howson, et al. Biological activity of 3-aminopropyl (methyl) phosphinic acid, a potent and selective GABAB agonist with CNS activity. *Bioorganic & Medicinal Chemistry Letters*. Volume 3, Issue 4, April 1993, Pages 515-518.

[2]. Adkins JM, et al. Presynaptic GABAB receptor inhibition sex dependently enhances fear extinction and attenuates fear renewal. *Psychopharmacology (Berl)*. 2021 Aug;238(8):2059-2071.

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

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