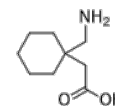


Product Name : Gabapentin
Cat. No. : PC-24642
CAS No. : 60142-96-3
Molecular Formula : C₉H₁₇NO₂
Molecular Weight : 171.24
Target : Calcium Channel
Solubility : 10 mM in DMSO



Biological Activity

Gabapentin is a potent, orally active P/Q type Ca²⁺ channel blocker, inhibits neuronal Ca²⁺ influx and reduction of neurotransmitter release, Gabapentin can antagonizes the interaction between thrombospondin-1 (TSP-1) and its neuronal receptor alpha2delta1.

References

- Fink K, et, al. Br J Pharmacol. 2000 Jun;130(4):900-6.
Celikyurt IK, et, al. Neurosci Lett. 2011 Apr 1;492(2):124-8.
Kang S, et al. Cell Death Discov. 2018 Feb 20;4:31.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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