Product Name: Vigabatrin
CAS No.: 68506-86-5
Cat. No.: HY-15399
MWT: 129.16
Formula: C6H11NO2
Purity: >98%

Solubility: DMSO

Mechanisms:
Pathways: Others; Target: Others

Biological Activity:
Vigabatrin (γ-Vinyl GABA; Sabril) is a structural analog of the inhibitory neurotransmitter γ-aminobutyric acid (GABA) that irreversibly inhibits the catabolism of GABA by GABA transaminase. IC50 value:
Target: GABA transaminase
Clinical studies have shown that vigabatrin is superior to placebo in decreasing the frequency of infantile spasms. In tuberous sclerosis, vigabatrin may be considered the first-line treatment for IS. The mode of action is increasing concentrations of the inhibitory neurotransmitter GABA in the brain. A significant increase in seizure threshold was observed following systemic (i.p.) administration of high (600 or 1200 mg/kg) doses of vigabatrin. Bilateral microinjection of vigabatrin (10 μg) into either the anterior or posterior SNr also increased seizure threshold, but less markedly than systemic treatment....

References:
[4]. Vigabatrin

Caution: Not fully tested. For research purposes only
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