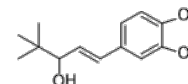


Product Name : Stiripentol
Cat. No. : PC-28175
CAS No. : 49763-96-4
Molecular Formula : C₁₄H₁₈O₃
Molecular Weight : 234.30
Target : GABA Receptor
Solubility : 10 mM in DMSO



Biological Activity

Stiripentol (BCX2600) is an antiepileptic drug that acts directly on GABA(A) receptor as a positive allosteric modulator, also is an lactate dehydrogenase (LDH) inhibitor, inhibits lactate production and decreases glioblastoma invasion and growth. Stiripentol can cross the blood–brain barrier for inhibiting cerebral LDHA/B activity in preclinical therapy studies in mice. Stiripentol (150 mg/kg, i.p.) significantly increased survival in P3 tumor-bearing mice. Stiripentol induced genetic and metabolic alterations in GBM cells. Stiripentol strongly suppressed drug-resistant epilepsy in animal model.

References

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

E-mail: tech@probechem.com