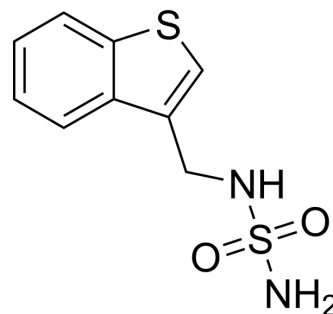


JNJ-26990990

Cat. No.:	HY-12155
CAS No.:	877316-38-6
Molecular Formula:	C ₉ H ₁₀ N ₂ O ₂ S ₂
Molecular Weight:	242.32
Target:	Sodium Channel; Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

JNJ-26990990 is a broad-spectrum antiepileptic agent with oral activity. JNJ-26990990 can inhibit voltage-gated Na⁺ channels and N-type Ca²⁺ channels, but has a very weak inhibitory effect on human carbonic anhydrase-II (IC₅₀ = 110 μM)^[1].

REFERENCES

[1]. Parker MH, et al. Novel, broad-spectrum anticonvulsants containing a sulfamide group: advancement of N-((benzo[b]thien-3-yl)methyl)sulfamide (JNJ-26990990) into human clinical studies. *J Med Chem.* 2009;52(23):7528-7536.

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

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