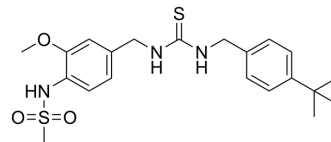


JYL 1511

Cat. No.:	HY-118299
CAS No.:	623166-14-3
Molecular Formula:	C ₂₁ H ₂₉ N ₃ O ₃ S ₂
Molecular Weight:	435.6
Target:	TRP 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	JYL 1511 is a partial agonist of vanilloid receptor VR1 ^[1] .
In Vitro	JYL 1511 inhibits [³ H]Resiniferatoxin binding to rat VR1 with a K _i of 50.4 nM ^[1] . JYL 1511 inhibits Capsaicin induction of ⁴⁵ Ca ²⁺ uptake in CHO cells overexpressing rat VR1 (IC ₅₀ : 3.4 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang Y, et al. High-affinity partial agonists of the vanilloid receptor. Mol Pharmacol. 2003 Aug;64(2):325-33.

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

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