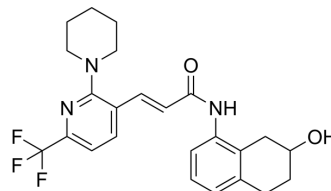


AMG0347

Cat. No.:	HY-111036
CAS No.:	946615-43-6
Molecular Formula:	C ₂₄ H ₂₆ F ₃ N ₃ O ₂
Molecular Weight:	445.48
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

AMG0347 is a transient receptor potential type V1 receptor antagonist. AMG0347 inhibits activation of the rat TRPV1 channel by heat (IC₅₀ = 0.2 nm), protons (IC₅₀ = 0.8 nm), or capsaicin (IC₅₀ = 0.7 nm)^[1].

REFERENCES

[1]. Chaoran Wu, et al. Effect of AMG0347, a Transient Receptor Potential Type V1 Receptor Antagonist, and Morphine on Pain Behavior after Plantar Incision. *Anesthesiology*. 2008 Jun;108(6):1100-8.

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

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