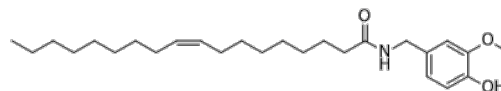


Product Name : Olvanil
Cat. No. : PC-25855
CAS No. : 58493-49-5
Molecular Formula : C₂₆H₄₃NO₃
Molecular Weight : 417.63
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

Olvanil (NE-19550, N-Vanillylloleamide) is a potent, selective agonist of transient receptor potential vanilloid type 1 (TRPV1) channels with EC₅₀ of 0.7 nM.

Olvanil inhibited [(3)H]Resiniferatoxin (RTX) binding to HEK293/VR1 cells with K_i of 0.4 μM.

Olvanil desensitizes nociceptors and alleviates pain.

References

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Szallasi A, et al. Mol Pharmacol. 1999 Sep;56(3):581-7.

Lee MG, et al. Br J Pharmacol. 2005 Oct;146(4):596-603.

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

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