Product Name: Nonivamide
CAS No.: 2444-46-4
Cat. No.: HY-17568
MWt: 293.40
Formula: C17H27NO3
Purity : >98%
Solubility: 100 mM in DMSO

Mechanisms: Pathways: Membrane Transporter/Ion Channel; Target: TRP Channel

Biological Activity:
Nonivamide (Pseudocapsaicin) is a naturally occurring analog of Capsaicin isolated from peppers, described to produce effects similar to Capsaicin as an agonist of the VR1 (TRPV1).

IC50 value:
Target: TRPV1
Nonivamide (Pseudocapsaicin) is demonstrated to stimulate afferent neurons with about half the potency of Capsaicin. Agonism of the VR1 (TRPV1) receptor by Nonivamide was demonstrated to induce the release of Ca2+ from the endoplasmic reticulum (ER) of human lung cells, producing ER stress and cell death.

References:

Caution: Not fully tested. For research purposes only
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