Capsaicin

TRPV1 agonist

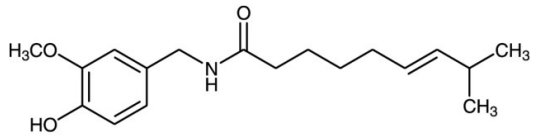
Capsaicin is an agonist at the TRPV1 receptor, a ligand-gated non-selective cation channel. Exhibits neuroprotective effects in a model of transient global cerebral ischemia. Induces release of substance P from afferent nociceptive specific neurons. Constituent of cayenne pepper. Powerful excitant of peropheral sensory nerve endings, specifically unmyelinated afferent neurons (C-fibers). Reversibly inhibits aggregation of platelets.

Citations: 12 View Online »

Ordering Information Order Online »

BML-EI125-0200	200mg
BML-EI125-1000	1g

Manuals, SDS & CofA View Online »


H3CO
HO
N
H
O
CH3
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at room temperature for up to 2 years. Store solutions at -20°C for up to 3 months.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Methyl-N-vanillyl-6-nonenamide
Appearance	White to pale yellow.
CAS	404-86-4
Couple Target	TRP channel
Couple Type	Activator
Formula	$C_{18}H_{27}NO_3$
MW	305.4
Purity	≥98% (TLC)
Solubility	Soluble in 100% ethanol, methanol or chloroform. Sparingly soluble in water.
Source	Isolated from *Capsicum* fruit.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.