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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AP-18

TRPA1 blocker
Catalog No. SIH-310



Discovery through partnership | Excellence through quality

Overview

Product Name

AP-18

Description

TRPA1 blocker

Purity

>98%

CAS No.

55224-94-7

Molecular Formula

C₁₁H₁₁ClNO

Molecular Weight

209.67

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO and to 100 mM in ethanol

Source

Synthetic

Appearance

White Solid

SMILES

C/C(=CC1=CC=C(C=C1)Cl)/C(=N/O)/C

InChI

InChI=1S/C11H12ClNO/c1-8(9(2)13-14)7-10-3-5-11(12)6-4-10/h3-7,14H,1-2H3/b8-7-,13-9+

InChIKey

MHTJEUOFLVQMCL-XTYDYKDCSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Hazard Phrases: H302

Cite This Product

AP-18 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-310)

Biological Description

Alternative Names

(2E,3E)-4-(4-Chlorophenyl)-N-hydroxy-3-methyl-3-buten-2-imine

Research Areas

Ion Channels, Neuroscience, Transient Receptor Potential Channels

PubChem ID

16725814

Scientific Background

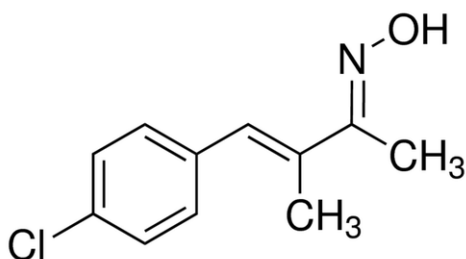
AP-18 is a reversible TRPA1 channel blocker. They exhibit fibroblast-like morphology, slow growth and contact inhibition (1).

References

1. Doi H., et al. (2005) Tohoku J Exp Med. 207(3): 209-216.

Product Images

Chemical structure of AP-18 (SIH-310), a TRPA1 blocker. CAS #: 55224-94-7.
Molecular Formula: C₁₁H₁₂ClNO. Molecular Weight: 209.67 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.