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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BCTC

TRPV1 blocker
Catalog No. SIH-307



Discovery through partnership | Excellence through quality

Overview

Product Name

BCTC

Description

TRPV1 blocker

Purity

>98%

CAS No.

393514-24-4

Molecular Formula

C11H11ClN1O

Molecular Weight

372.89

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO and to 40 mM in ethanol

Source

Synthetic

Appearance

White Solid

SMILES

CC(C)(C)C1=CC=C(C=C1)NC(=O)N2CCN(CC2)C3=C(C=CC=N3)Cl

InChI

InChI=1S/C20H25ClN4O/c1-20(2,3)15-6-8-16(9-7-15)23-19(26)25-13-11-24(12-14-25)18-17(21)5-4-10-22-18/h4-10H,11-14H2,1-3H3,(H,23

,26)

InChIKey

ROGUAPYLUCHQGK-UHFFFAOYSA-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

Cite This Product

BCTC (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-307)

Biological Description

Alternative Names

4-(3-Chloro-2-pyridinyl)-N-[4-(2-methyl-2-propanyl)phenyl]-1-piperazinecarboxamide

Research Areas

Ion Channels, Neuroscience, Transient Receptor Potential Channels

PubChem ID

9929425

Scientific Background

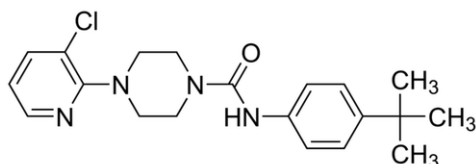
BCTC is an inhibitor of capsaicin- and acid-mediated currents at rat VR1. Thus it has effects on acute, inflammatory and neuropathic pain in rats (1, 2).

References

1. Pomonis J.D., et al. (2003) J Pharmacol Exp Ther. 306(1): 387-393.
2. Valenzano K.J., et al. (2003) J Pharmacol Exp. Ther. 306(1): 377-386.

Product Images

Chemical structure of BCTC (SIH-307), a TRPV1 blocker. CAS #: 393514-24-4.
Molecular Formula: C₂₀H₂₅ClN₄O. Molecular Weight: 372.89 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.