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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NPC 15437

PKC kinase inhibitor
Catalog No. SIH-464



Discovery through partnership | Excellence through quality

Overview

Product Name

NPC 15437

Description

PKC kinase inhibitor

Purity

>98% (HPLC)

CAS No.

141774-20-1

Molecular Formula

C₁₈H₂₄N₂O₂

Molecular Weight

511.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in water, DMSO or methanol

Source

Synthetic

Appearance

White to off-white solid

SMILES

O=C(N1C(CNC(=O)[C@@H](N)CCCCN)CCCC1)CCCCCCCCCCC.Cl.Cl

InChI

InChI=1S/C25H50N4O2.2ClH/c1-2-3-4-5-6-7-8-9-10-11-18-24(30)29-20-15-13-16-22(29)21-28-25(31)23(27)17-12-14-19-26;;/h22-23H,2-2

1,26-27H2,1H3,(H,28,31);2*1H/t22?,23-;/m0../s1

InChIKey

RISBZWRJRRXTD-OLBPYZPGSA-N

Safety Phrases

Classification:

Not a hazardous substance or mixture.

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

NPC 15437 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-464)

Biological Description

Alternative Names

(S)-2,6-diamino-N-[[1'-(1'-oxotridecyl)-2'-piperidinyl]methyl]hexanamide . 2HCl

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Cell Signaling, Tyrosine Kinase Inhibitors

PubChem ID

16219723

Scientific Background

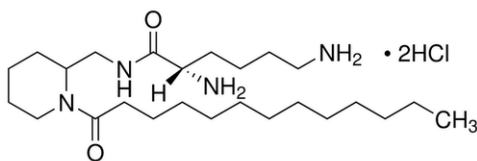
NPC 15437 is selective inhibitor of protein kinase C (PKC). Specifically, it interacts with regulatory domain at residues 12-42.

References

1. Sullivan J.P., Connor J.R., Shearer B.G., & Burch R.M. (1991) Agents and Actions. 34(1-2): 142144.
2. Sullivan J.P., Connor J.R., Tiffany C., Shearer B.G., & Burch R.M. (1991) FEBS Letters. 285(1): 120123.

Product Images

Chemical structure of NPC 15437 (SIH-464), a PKC kinase inhibitor. CAS #: 141774-20-1. Molecular Formula: C₂₅H₅₂Cl₂N₄O₂. Molecular Weight: 511.6 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.