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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BC-11-38

Inhibitor
Catalog No. SIH-373



Discovery through partnership | Excellence through quality

Overview

Product Name

BC-11-38

Description

Inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

686770-80-9

Molecular Formula

C11H11N1O1S1

Molecular Weight

304.43

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

May be dissolved in DMSO (50 mg/ml); ethanol (14/ mg/ml, warm)

Source

Synthetic

Appearance

White solid

SMILES

CCCC1=NC2=C(C(=O)N1C3=CC=CC=C3)SCC2

InChi

InChi=1S/C15H16N2OS2/c1-2-9-20-15-16-12-8-10-19-13(12)14(18)17(15)11-6-4-3-5-7-11/h3-7H,2,8-10H2,1H3

InChIKey

YHNDCCCKFNWDQGW-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

BC-11-38 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-373)

Biological Description

Alternative Names

6,7-Dihydro-3-phenyl-2-(propylthio)-thieno[3,2-d]pyrimidin-4(3H)one

Research Areas

Neuroscience

PubChem ID

2052828

Scientific Background

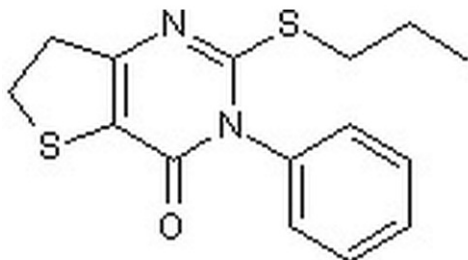
BC-11-38 is a selective phosphodiesterase 11 (PDE11) inhibitor. The role of the phosphodiesterase enzymes is not yet well understood. Studies suggest that the inhibition of (PDE11) could lead to development of new therapeutic agents for adrenal insufficiencies (1).

References

1. Ceyhan O., Birsoy K., Hoffman C. (2012) Chemistry & Biology. 19(1): 155-163.

Product Images

Chemical structure of BC-11-38 (SIH-373), a PDE11 inhibitor. CAS #: 686770-80-9. Molecular Formula: C₁₅H₁₆N₂O₂S. Molecular Weight: 304.43 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.