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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PP2

Src kinase inhibitor
Catalog No. SIH-470



Discovery through partnership | Excellence through quality

Overview

Product Name

PP2

Description

Src kinase inhibitor

Purity

>98% (TLC)

CAS No.

172889-27-9

Molecular Formula

C11H11ClN1

Molecular Weight

301.8

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (25 mg/ml)

Source

Synthetic

Appearance

Off-white solid

SMILES

C1=C(C=CC(=C1)Cl)C2=N[N](C3=C2C(=NC=N3)N)C(C)(C)C

InChI

InChI=1S/C15H16ClN5/c1-15(2,3)21-14-11(13(17)18-8-19-14)12(20-21)9-4-6-10(16)7-5-9/h4-8H,1-3H3,(H2,17,18,19)

InChIKey

PBBRWFOVCUAONR-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute Toxicity: Oral, Category 3

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 statements:

H301: Toxic if swallowed.

Precautionary statements:

P264: Wash {hands} thoroughly after handling.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P330: Rinse mouth

Cite This Product

PP2 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-470)

Biological Description

Alternative Names

3-(4-chlorophenyl) 1-(1,1-dimethylethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

Research Areas

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

PubChem ID

4878

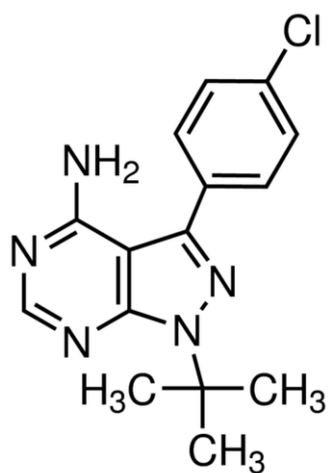
Scientific Background

PP2 is a selective inhibitor of Src-family tyrosine kinases. PP2 has been shown to inhibit Lck, FynT, and phosphorylation of focal adhesion kinase (FAK) and potently inhibits Hck, Lck (p56) and Fyn (p59). PP2 displays > 10000-fold selectivity over ZAP-70 and JAK2.

References

1. Hanke J.H., et al. (1996) J. Biol. Chem. 271(2): 695701.
 2. Liu Y., et al. (1999). Chem. & Biol. 6(9): 671678.
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Product Images



Chemical structure of PP2 (SIH-470), a Src family kinase inhibitor. CAS #: 172889-27-9. Molecular Formula: C₁₅H₁₆ClN₅. Molecular Weight: 301.8 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.