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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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PP1

Src kinase inhibitor
Catalog No. SIH-469



Discovery through partnership | Excellence through quality

Overview

Product Name

PP1

Description

Src kinase inhibitor

Purity

>98% (TLC)

CAS No.

172889-26-8

Molecular Formula

C11H11N1

Molecular Weight

281.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (25 mg/ml), slightly soluble in 100% ethanol

Source

Synthetic

Appearance

Tan solid

SMILES

CC1=CC=C(C=C1)C2=NN(C3=NC=NC(=C23)N)C(C)(C)C

InChi

InChi=1S/C16H19N5/c1-10-5-7-11(8-6-10)13-12-14(17)18-9-19-15(12)21(20-13)16(2,3)4/h5-9H,1-4H3,(H2,17,18,19)

InChIKey

ZVPDNRVYHLRXLX-UHFFFAOYSA-N

Safety Phrases

Classification:

Acute toxicity, Oral (Category 3), H301

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 skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P321 Specific treatment (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Cite This Product

PP1 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-469)

Biological Description

Alternative Names

1-(1,1-Dimethylethyl)-1-(4-methylphenyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

Research Areas

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

PubChem ID

1400

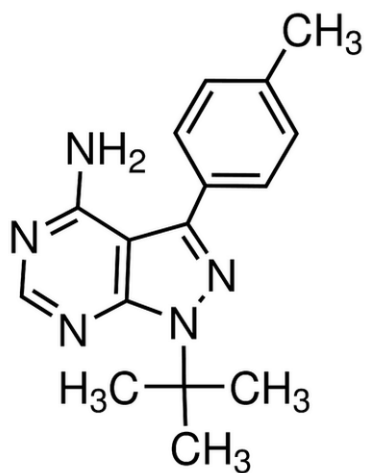
Scientific Background

PP1 is a potent and selective Src family protein tyrosine kinase inhibitor. This has a range of effects and implications. Structural studies have revealed that PP1 binds to the ATP-binding site in tyrosine kinases and Ser/Thr kinases. PP1 displays > 8000-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 PP1 (SIH-469), a Src family kinase inhibitor. CAS #: 172889-26-8. Molecular Formula: C₁₆H₁₉N₅. Molecular Weight: 281.4 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.