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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WP-1130

DUB inhibitor
Catalog No. SIH-337



Discovery through partnership | Excellence through quality

Overview

Product Name

WP-1130

Description

DUB inhibitor

Purity

>98%

CAS No.

856243-80-6

Molecular Formula

C₁₁H₁₁BrN₃O

Molecular Weight

384.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 45 mg/ml DMSO, 25 mg/ml Ethanol

Source

Synthetic

Appearance

Pale Yellow Solid

SMILES

CCC[C@@H](C1=CC=CC=C1)NC(=O)/C(=C/C2=NC(=CC=C2)Br)/C#N

InChI

InChI=1S/C₁₉H₁₈BrN₃O/c1-2-7-17(14-8-4-3-5-9-14)23-19(24)15(13-21)12-16-10-6-11-18(20)22-16/h3-6,8-12,17H,2,7H₂,1H₃(H,23,24)/b1

InChIKey

LIDOPKHSVQTSJY-VMEIHUARSA-N

Safety Phrases

Classification: Caution Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

Cite This Product

WP-1130 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-337)

Biological Description**Alternative Names**

(2E)-3-(6-bromopyridin-2-yl)-2-cyano-N-(1-phenylbutyl)acrylamide

Research Areas

Cancer, Apoptosis

PubChem ID

11222830

Scientific Background

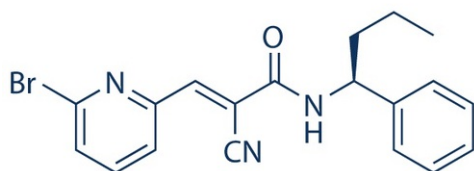
A novel DUB inhibitor directly inhibiting USP9x, USP5, USP14 and UCH37 inducing rapid accumulation of polyubiquitinated proteins. Blocks Jak2 signaling via Jak2 ubiquitination.

References

1. Kapuria V., et al. (2010) Cancer Res. 70: 9265.
2. Kapuria V., et al. (2011) Cell Signal. 23: 2076.

Product Images

Chemical structure of WP-1130 (SIH-337), a DUB inhibitor. CAS #: 856243-80-6.
Molecular Formula: C₁₉H₁₈BrN₃O. Molecular Weight: 384.3 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.