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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

IU1

Usp-14 inhibitor
Catalog No. SIH-329



Discovery through partnership | Excellence through quality

Overview

Product Name

IU1

Description

Usp-14 inhibitor

Purity

>98%

CAS No.

314245-33-5

Molecular Formula

C11H11FNIO

Molecular Weight

300.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 30 mg/ml DMSO, 15 mg/ml Ethanol

Source

Synthetic

Appearance

Beige Solid

SMILES

CC1=CC(=C(N1C2=CC=C(C=C2)F)C(=O)CN3CCCC3

InChI

InChI=1S/C18H21FN2O/c1-13-11-17(18(22)12-20-9-3-4-10-20)14(2)21(13)16-7-5-15(19)6-8-16/h5-8,11H,3-4,9-10,12H2,1-2H3

InChIKey

JUWDSKJBMFLHE-UHFFFAOYSA-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

Hazard Statements:

H303 May be harmful if swallowed

H318 Causes serious eye damage

Precautionary Statements:

P280 Wear protective gloves/ eye protection/ face protection

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses.

Cite This Product

IU1 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-329)

Biological Description

Alternative Names

1-[1-(4-Fluoro-phenyl)-2,5-dimethyl-1H-pyrrol-3-yl]-2-pyrrolidin-1-yl-ethanone

Research Areas

Cancer, Apoptosis

PubChem ID

675434

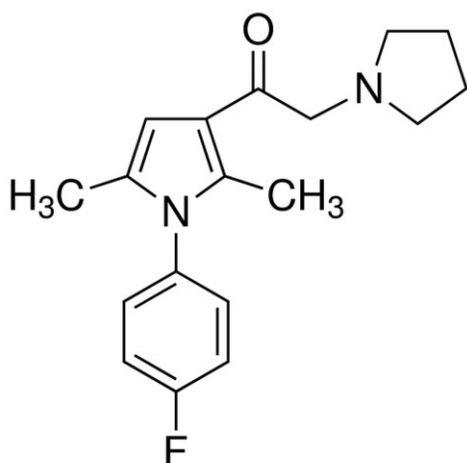
Scientific Background

Selective inhibitor of Usp14 (IC₅₀<4 ?M). Enhances proteasome activity and substrate proteolysis. Cell permeable.

References

1. Lee B.H., et al. (2010) Nature 467: 1179.
2. Lee B.H., et al. (2010) Mol. Cell. Proteomics 10: R1100003871.

Product Images



Chemical structure of IU1 (SIH-329), a Usp-14 inhibitor. CAS #: 314245-33-5. Molecular Formula: C₁₈H₂₁FN₂O . Molecular Weight: 300.4 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.