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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MLN4924

NEDD8 activating enzyme inhibitor
Catalog No. SIH-331



Discovery through partnership | Excellence through quality

Overview

Product Name

MLN4924

Description

NEDD8 activating enzyme inhibitor

Purity

>98%

CAS No.

905579-51-3

Molecular Formula

C11H11NO1S

Molecular Weight

443.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 10 mg/ml DMSO

Source

Synthetic

Appearance

White Powder

SMILES

C1CC2=CC=CC=C2[C@H]1NC3=C4C=CN(C4=NC=N3)[C@@H]5C[C@H]([C@H](C5)O)C(=O)N

InChI

InChI=1S/C21H25N5O4S/c22-31(28,29)30-11-14-9-15(10-19(14)27)26-8-7-17-20(23-12-24-21(17)26)25-18-6-5-13-3-1-2-4-16(13)18/h1-4,

7-8,12,14-15,18-19,27H,5-6,9-11H2,(H2,22,28,29)(H,23,24,25)/t14-,15+,18-,

InChIKey

MPUQHZXIXSTTDDU-QXGSTGNESA-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

mlN4924 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-331)

Biological Description

Alternative Names

[(1S,2S,4R)-4-{4-[(1S)-2,3-Dihydro-1H-inden-1-ylamino]-7H-pyrrolo[2,3-d]pyrimidin-7-yl}-2-hydroxycyclopentyl]methyl sulfamate, Sulfamic acid

Research Areas

Cancer, Apoptosis

PubChem ID

16720766

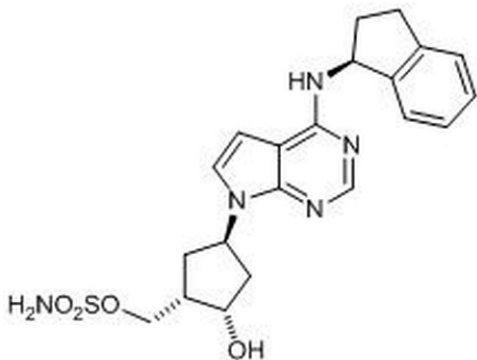
Scientific Background

Potent and selective NEDD8-activating enzyme (NAE) inhibitor. It disrupts cullin-RING ligase-mediated protein turnover leading to apoptosis in human tumor cells. It suppresses the growth of human tumor xenografts in mice. Cell permeable.

References

1. Soucy T.A., et al. (2009) Nature. 458:732.
2. Milhollen M.A., et al. (2010) Blood. 116:1515.

Product Images



Chemical structure of MLN4924 (SIH-331), a Nedd8 activating enzyme inhibitor. CAS #: 905579-51-3. Molecular Formula: C₂₁H₂₅N₅O₄S. Molecular Weight: 443.2 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.