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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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STF-62247

Autophagy inducer
Catalog No. SIH-396



Discovery through partnership | Excellence through quality

Overview

Product Name

STF-62247

Description

Autophagy inducer

Purity

>98%

CAS No.

315702-99-9

Molecular Formula

C11H11N1S

Molecular Weight

267.35

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inducer

Solubility

Soluble in DMSO (26 mg/ml).

Source

Synthetic

Appearance

Solid

SMILES

CC1=CC=CC(=C1)NC2=NC(=CS2)C3=CC=NC=C3

InChi

InChi=1S/C15H13N3S/c1-11-3-2-4-13(9-11)17-15-18-14(10-19-15)12-5-7-16-8-6-12/h2-10H,1H3,(H,17,18)

InChIKey

KATNUHQNJGNLPW-UHFFFAOYSA-N

Safety Phrases

Classification: D1B- Toxic Material Causing Immediate and Serious, Toxic Effects, Toxic by ingestion, D2B- Toxic Material Causing Other Toxic Effects, Moderate eye irritant

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:

H302- Harmful if swallowed.

H319- Causes serious eye irritation.

Precautionary statements:

P305 + P351 + P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Cite This Product

STF-62247 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-396)

Biological Description

Alternative Names

N-(3-Methylphenyl)-4-(4-pyridinyl)-2-thiazolamine

Research Areas

Cancer, Autophagy

PubChem ID

704473

Scientific Background

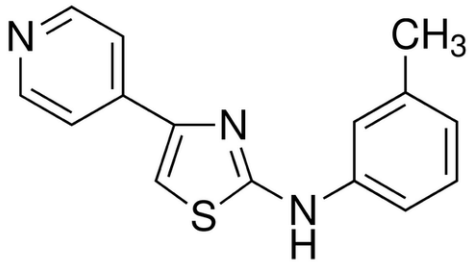
STF-62247 is a selective cell-permeable inducer of autophagy. This is demonstrated by an induction of large vacuole formation in cells. This observation is especially pronounced in von Hippel-Lindau deficient renal carcinoma cells. Induction of autophagy is also seen in vivo in mice.

References

1. Turcotte S., et al. (2008) *Autophagy*, 4(7): b944-6.

Product Images

Chemical structure of STF-62247 (SIH-396), a Autophagy inducer. CAS #: 315702-99-9. Molecular Formula: C₁₅H₁₃N₃S . Molecular Weight: 267.35 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.