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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LYS6K2

S6 kinase inhibitor
Catalog No. SIH-462



Discovery through partnership | Excellence through quality

Overview

Product Name

LYS6K2

Description

S6 kinase inhibitor

Purity

97% (HPLC)

Molecular Formula

C11H11FIN1

Molecular Weight

445.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (up to 1 mg/ml) or DMF (up to 3 mg/ml with warming)

Source

Synthetic

Appearance

Yellow solid

SMILES

Cn1cc(nc1C2CCN(CC2)c3c4cn[nH]c4ncn3)c5ccc(c(c5)C(F)(F)F)

InChI

InChI=1S/C21H19F4N7/c1-31-10-17(13-2-3-16(22)15(8-13)21(23,24)25)29-19(31)12-4-6-32(7-5-12)20-14-9-28-30-18(14)26-11-27-20/h2-3,8-12H,4-7H2,1H3,(H,26,27,28,30)

InChIKey

Safety Phrases

Classification:

Skin Category 2

Eye Category 2A

Specific target organ toxicity - single exposure (Category 3)

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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Cite This Product

LYS6K2 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-462)

Biological Description

Alternative Names

4-(4-(4-(4-fluoro-3-(trifluoromethyl) phenyl)-1-methyl-1H-imidazol-2-yl) piperidin-1-yl)-1H-pyrazolo [3,4-d] pyrimidine

Research Areas

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

PubChem ID

25118925

Scientific Background

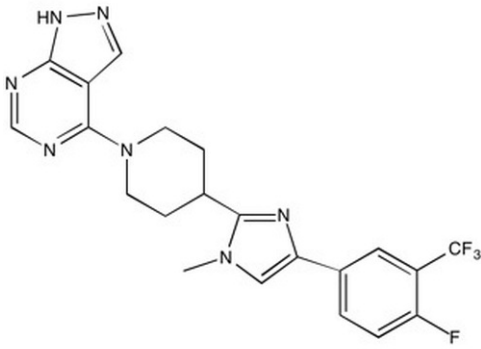
LYS6K2 is a selective inhibitor of the p70 ribosomal S6 kinase. Specifically, it blocks the phosphorylation of S6. LYS6K2 is cell permeable.

References

1. Fenton T.R., & Gout I.T. (2011) Int. J. Biochem. Cell Biol. 43(1): 4759.

Product Images

Chemical structure of LYS6K2 (SIH-462), a S6 kinase inhibitor. CAS #: N/A. Molecular Formula: C₂₁H₁₉F₄N₇. Molecular Weight: 445.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.