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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AZD6244

ERK kinase inhibitor
Catalog No. SIH-495



Discovery through partnership | Excellence through quality

Overview

Product Name

AZD6244

Description

ERK kinase inhibitor

Purity

>98%

CAS No.

606143-52-6

Molecular Formula

C₁₇H₁₅BrClF₄N₃O

Molecular Weight

457.7

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (92 mg/ml at 25 °C), water (<1 mg/ml at 25 °C), and ethanol (<1 mg/ml at 25 °C)

Source

Synthetic

Appearance

White to off-white solid

SMILES

CN1C=NC2=C1C=C(C(=C2F)NC3=C(C=C(C=C3)Br)Cl)C(=O)NOCCO

InChI

InChI=1S/C17H15BrClF4N3O/c1-24-8-21-16-13(24)7-10(17(26)23-27-5-4-25)15(14(16)20)22-12-3-2-9(18)6-11(12)19/h2-3,6-8,22,25H,4-5H

2,1H3,(H,23,26)

InChIKey

CYOHGALHFOKKQC-UHFFFAOYSA-N

Safety Phrases

Classification:

Serious Eye Damage/Eye Irritation, Category 1

Skin Sensitization, Category 1

Toxic To Reproduction, Category 2

Target Organ Systemic Toxicity (repeated exposure), Category 2

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:

H318: Causes serious eye damage.

H317: May cause an allergic skin reaction.

H361: Suspected of damaging fertility or the unborn child.

H373: May cause damage to {Liver, gastrointestinal tract and other major organs} through prolonged or repeated exposure.

Precautionary statements:

P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

P261: Avoid breathing {dust/fume/gas/mist/vapours/spray}.

P272: Contaminated work clothing should not be allowed out of the workplace.

P362+364: Take off contaminated clothing and wash it before reuse.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

P260: Do not breathe {dust/fume/gas/mist/vapours/spray}.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a {POISON CENTER/doctor/...}.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P333+313: If skin irritation or rash occurs, seek medical advice/attention.

P308+313: IF exposed or concerned: Get medical attentiodvice.

P314: Get medical attentiodvice if you feel unwell.

Cite This Product

AZD6244 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-495)

Biological Description

Alternative Names

Selumetinib, AZD6244, 6-(4-bromo-2-chloroanilino)-7-fluoro-N-(2-hydroxyethoxy)-3-methylbenzimidazole-5-carboxamide

Research Areas

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

PubChem ID

10127622

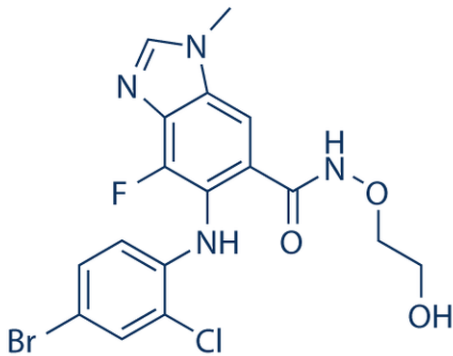
Scientific Background

AZD6244 is a MEK-1 inhibitor. Specifically, AZD6244 inactivates the phosphorylation of ERK1/2.

References

Product Images

Chemical structure of AZD6244 (SIH-495), a ERK kinase inhibitor. CAS #: 606143-52-6.
Molecular Formula: C₁₇H₁₅BrClFN₄O₃. Molecular Weight: 457.7 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.