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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AG 494

EGFR kinase inhibitor
Catalog No. SIH-491



Discovery through partnership | Excellence through quality

Overview

Product Name

AG 494

Description

EGFR kinase inhibitor

Purity

>98% (TLC)

CAS No.

133550-35-3

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

280.3

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (25 mg/ml) or 100% ethanol (25 mg/ml)

Source

Synthetic

Appearance

Yellow solid

SMILES

C1=CC=C(C=C1)NC(=O)/C(=C/C2=CC(=C(C=C2)O)O)/C#N

InChI

InChI=1S/C16H12N2O3/c17-10-12(8-11-6-7-14(19)15(20)9-11)16(21)18-13-4-2-1-3-5-13/h1-9,19-20H,(H,18,21)/b12-8+

InChIKey

HKHOVJYOELRGMV-XYOKQWHBSA-N

Safety Phrases

Classification:

Not a hazardous substance or mixture.

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.

Cite This Product

AG 494 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-491)

Biological Description

Alternative Names

AG-494, (E)-2-Cyano-3-(3,4-dihydroxyphenyl)-N-phenyl-2-propenamide

Research Areas

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

PubChem ID

5328771

Scientific Background

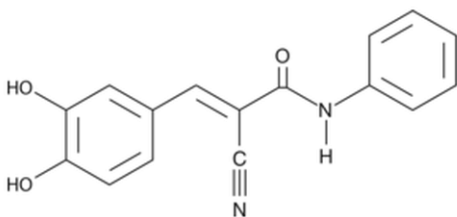
AG 494 is a potent inhibitor of epidermal growth factor receptor (EGFR) kinase. It specifically inhibits EGF receptor autophosphorylation and EGF-dependent cell growth.

References

1. Ben-Bassat H., et al. (1999). *J. Pharm. Exp. Ther.* 290(3): 14421457.
 2. Kleinberger-Doron N., Shelah N., Capone R., Gazit A., & Levitzki A. (1998) *Exp. Cell . Res.* 241(2): 340351.
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Product Images

Chemical structure of AG 494 (SIH-491), a EGF receptor tyrosine kinase inhibitor. CAS #: 133550-35-3. Molecular Formula: C₁₆H₁₂N₂O₃. Molecular Weight: 280.3 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.