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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NSC-66811

p53/mdm2 inhibitor
Catalog No. SIH-338



Discovery through partnership | Excellence through quality

Overview

Product Name

NSC-66811

Description

p53/mdm2 inhibitor

Purity

>98%

CAS No.

6964-62-1

Molecular Formula

C11H11N1O

Molecular Weight

340.4

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 25 mg/ml DMSO

Source

Synthetic

Appearance

White Solid

SMILES

CC1=NC2=C(C=C1)C=CC(=C2O)C(C3=CC=CC=C3)NC4=CC=CC=C4

InChi

InChi=1S/C23H20N2O/c1-16-12-13-18-14-15-20(23(26)22(18)24-16)21(17-8-4-2-5-9-17)25-19-10-6-3-7-11-19/h2-15,21,25-26H,1H3

InChIKey

WEENRMPCSWFMTE-UHFFFAOYSA-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

NSC-66811 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-338)

Biological Description

Alternative Names

2-Methyl-7-[Phenyl(phenylamino)methyl]-8-quinolinol, 7-[Anilino(phenyl)methyl]-2-methylquinolin-8-ol

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, p53/mdm2 Inhibitors

PubChem ID

248986

Scientific Background

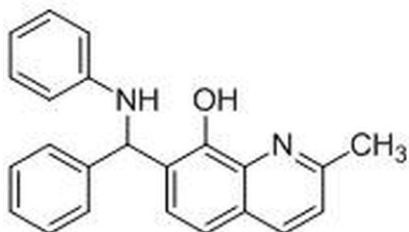
A novel inhibitor of the MDM2-p53 interaction. Mimics three p53 residues involved in binding to MDM2. Binds to MDM2 with a K_i of 120 nM. Activates p53 in cancer cells. Cell permeable.

References

1. Lu Y., et al. (2006) J. Med.Chem. 49: 3759.

Product Images

Chemical structure of NSC-66811 (SIH-338), a p53/mdm2 inhibitor. CAS #: 6964-62-1.
Molecular Formula: C₂₃H₂₀N₂O. Molecular Weight: 340.4 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.