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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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DBeQ

p97 inhibitor
Catalog No. SIH-334



Discovery through partnership | Excellence through quality

Overview

Product Name

DBeQ

Description

p97 inhibitor

Purity

>98%

Molecular Formula

C11H11N1

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

Yellow Powder

SMILES

C1=CC=C(C=C1)CNC2=NC(=NC3=CC=CC=C32)NCC4=CC=CC=C4

InChI

InChI=1S/C22H20N4/c1-3-9-17(10-4-1)15-23-21-19-13-7-8-14-20(19)25-22(26-21)24-16-18-11-5-2-6-12-18/h1-14H,15-16H2,(H2,23,24,25,26)

InChIKey

Safety Phrases

Classification: Toxic Material Causing other toxic effects- moderate eye irritant.

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

Hazard Statements:

H302 Harmful if swallowed

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

DBeQ (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-334)

Biological Description

Alternative Names

N,N'-Dibenzyl-2,4-quinazolinediamine, JRF 12, N2,N4-dibenzylquinazoline-2,4-diamine, N2,N4-Bis(phenylmethyl)-2,4-quinazolinediamine

Research Areas

Cancer, Apoptosis

PubChem ID

676352

Scientific Background

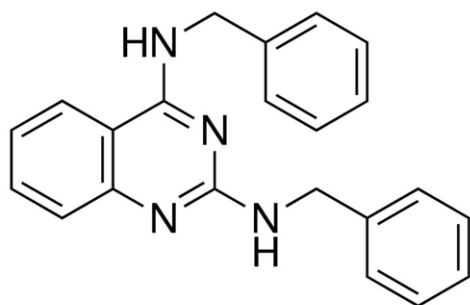
A potent, selective and reversible inhibitor of the AAA-ATP p97 (ATPase associated with diverse cellular activities). $K_i=3.2 \mu\text{M}$. It blocks ubiquitin-dependent protein clearance pathways. Cell permeable.

References

1. Chou T.F., et al. 2011 PNAS 108:4834.

Product Images

Chemical structure of DBeQ (SIH-334), a p97 inhibitor. CAS #: N/A. Molecular Formula: C₂₂H₂₀N₄. Molecular Weight: 340.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.