



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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NSC 663284

Cdc25 Phosphatase inhibitor  
Catalog No. SIH-520



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

NSC 663284

### Description

Cdc25 Phosphatase inhibitor

### Purity

>98% (HPLC)

### CAS No.

383907-43-5

### Molecular Formula

C11H11ClN2O

### Molecular Weight

321.8

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble to 50 mM in DMSO and to 50 mM in ethanol

### Source

Synthetic

### Appearance

Red solid

### SMILES

C1COCCN1CCNC2=C(C(=O)C3=C(C2=O)N=CC=C3)Cl

### InChI

InChI=1S/C15H16ClN3O3/c16-11-13(18-4-5-19-6-8-22-9-7-19)15(21)12-10(14(11)20)2-1-3-17-12/h1-3,18H,4-9H2

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## InChIKey

BMKPVQDJQWBPD-UHFFFAOYSA-N

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## Safety Phrases

Classification:

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335

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.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant

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## Cite This Product

NSC 663284 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-520)

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## Biological Description

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### Alternative Names

NSC-63284, 6-Chloro-7-[[2-(4-morpholinyl)ethyl]amino]-5,8-quinolinedione

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### Research Areas

Cell Signaling

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### PubChem ID

379077

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### Scientific Background

NSC 663284 is a potent and selective inhibitor of the CDC25 phosphatase family. Specifically, it has been shown to inhibit CDC25A, CDC25B and CDC25C. NSC 663284 is a cell-permeable and irreversible inhibitor.

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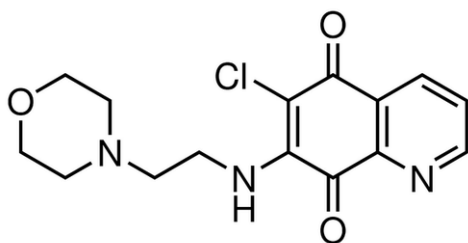
### References

1. Lazo J.S., et al. (2001) J. Med. Chem. 44(24): 40424049.
2. Brisson M., et al. (2005) Mol. Pharm. 68(6): 18101820.

## Product Images

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Chemical structure of NSC 663284 (SIH-520), a Cdc25 Phosphatase inhibitor. CAS #: 383907-43-5. Molecular Formula: C<sub>15</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>3</sub>. Molecular Weight: 321.8 g/mol.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.