



# 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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B-AP15 (NSC-687852)

DUB inhibitor  
Catalog No. SIH-339



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

b-AP15 (NSC-687852)

### Description

DUB inhibitor

### Purity

>98%

### CAS No.

1009817-63-3

### Molecular Formula

C11H11NO1

### Molecular Weight

419.4

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in 35 mg/ml DMSO

### Source

Synthetic

### Appearance

Pale Yellow Solid

### SMILES

C=CC(=O)N1C/C(=CC2=CC=C(C=C2)[N+](=O)[O-])/C(=O)/C(=C/C3=CC=C(C=C3)[N+](=O)[O-])/C1

### InChI

InChI=1S/C22H17N3O6/c1-2-21(26)23-13-17(11-15-3-7-19(8-4-15)24(28)29)22(27)18(14-23)12-16-5-9-20(10-6-16)25(30)31/h2-12H,1,13-

14H2/b17-11+,18-12+

## InChIKey

GFARQYQBWJLZMW-JYFOCSDGSA-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

b-AP15 (NSC-687852) (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-339)

## Biological Description

### Alternative Names

(3E,5E)-1-Acryloyl-3,5-bis(4-nitrobenzylidene)-4-piperidinone

### Research Areas

Cancer, Apoptosis

### PubChem ID

5351435

### Scientific Background

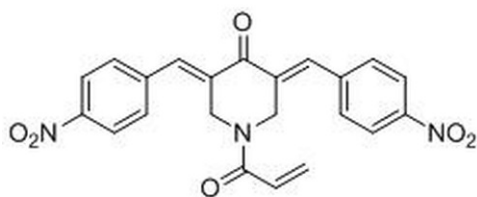
Abrogates the deubiquitinating activity of the 19S regulatory particle by inhibiting ubiquitin C-terminal hydrolase 5 (UCHL5) and ubiquitin-specific peptidase 14 (USP14) resulting in accumulation of polyubiquitin in cells. b-AP15 induces tumor cell apoptosis and tumor progression in four different solid tumor models in vivo.

### References

1. DArCy P., et al. (2011) Nature Medicine 17: 1636.

## Product Images

Chemical structure of b-AP15 (NSC-687852) (SIH-339), a DUB inhibitor. CAS #: 1009817-63-3. Molecular Formula: C<sub>22</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub>. Molecular Weight: 419.4 g/mol.



## Product Citations (0)

Currently there are no citations for this product.

## Reviews

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There are no reviews yet.