



# SZABO SCANDIC

Part of Europa Biosite

## 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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## FK-866 HCl

NAD biosynthesis inhibitor  
Catalog No. SIH-354



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

FK-866 HCl

### Description

NAD biosynthesis inhibitor

### Purity

>98% (TLC); NMR (Conforms)

### CAS No.

658084-64-1

### Molecular Formula

C<sub>11</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>·HCl

### Molecular Weight

428

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in 40 mg/ml Water

### Source

Synthetic

### Appearance

White Solid

### SMILES

C1CN(CCC1CCCCNC(=O)/C=C/C2=CN=CC=C2)C(=O)C3=CC=CC=C3

### InChI

InChI=1S/C24H29N3O2/c28-23(12-11-21-8-6-15-25-19-21)26-16-5-4-7-20-13-17-27(18-14-20)24(29)22-9-2-1-3-10-22/h1-3,6,8-12,15,19-

20H,4-5,7,13-14,16-18H2,(H,26,28)/b12-11+

## InChIKey

KPBNHDGDUADAGP-VAWYXSNFSA-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

Hazard Statements:

H302 Harmful if swallowed.

## Cite This Product

FK-866 HCl (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-354)

## Biological Description

### Alternative Names

(E)-N-[4-(1-benzoylpiperidin-4-yl)butyl]-3-(pyridin-3-yl)acrylamide, FK866 hydrochloride hydrate, K22.175

### Research Areas

Cell Signaling, Epigenetics

### PubChem ID

6914657

### Scientific Background

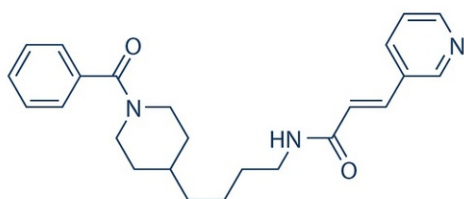
Nicotinamide phosphoribosyltransferase inhibitor (Ki=0.4 nM). Induces tumor cell apoptosis. Extends lifespan of human cells. Cell permeable.

### References

1. Hasmann M., et al. (2003) Cancer Res. 63: 7436.
2. van der Veer E., et al. (2007) J. Biol. Chem. 282: 10841.

## Product Images

Chemical structure of FK-866 HCl (SIH-354), a NAD biosynth inhib. (SIR down regulator). CAS #: 658084-64-1. Molecular Formula: C<sub>24</sub>H<sub>29</sub>N<sub>3</sub>O<sub>2</sub>.HCl. Molecular Weight: 428 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.