



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Pyr41

E1 UAE inhibitor  
Catalog No. SIH-330



Discovery through partnership | Excellence through quality

## Overview

---

### Product Name

Pyr41

### Description

E1 UAE inhibitor

### Purity

>98%

### CAS No.

418805-02-4

### Molecular Formula

C11H11NO1

### Molecular Weight

371.3

## Properties

---

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in 25 mg/ml DMSO

### Source

Synthetic

### Appearance

Brown Powder

### SMILES

CCOC(=O)C1=CC=C(C=C1)N2C(=O)C(=CC3=CC=C(O3)[N+](=O)[O-])/C(=O)N2

### InChI

InChI=1S/C17H13N3O7/c1-2-26-17(23)10-3-5-11(6-4-10)19-16(22)13(15(21)18-19)9-12-7-8-14(27-12)20(24)25/h3-9H,2H2,1H3,(H,18,21)/b

13-9-

---

### InChIKey

ARGIPZKQJGFSGQ-LCYFTJDESA-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 May be harmful if swallowed

H317 May cause an allergic skin reaction

Precautionary Statements:

P280 Wear protective gloves

---

### Cite This Product

Pyr41 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-330)

---

## Biological Description

---

### Alternative Names

Ethyl 4-((4Z)-4-[(5-nitro-2-furyl)methylene]-3,5-dioxo-1-pyrazolidinyl)benzoate, PYR-41, 4[4-(5-Nitro-furan-2-ylmethylene)-3,5-dioxo-pyrazolidin-1-yl]-benzoic acid ethyl ester

---

### Research Areas

Cancer, Apoptosis

---

### PubChem ID

5335621

---

### Scientific Background

Inhibits ubiquitin activating enzyme E1 (>60% inhibition at 10  $\mu$ M) with little or no activity against E2 or E3. Cell permeable.

---

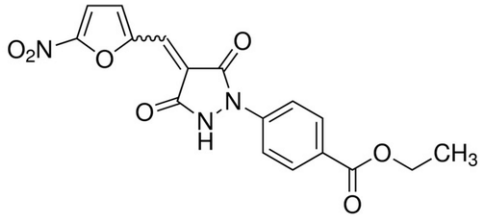
### References

1. Yang Y., et al. (2007) Cancer Res. 67: 9472.
  2. Mi L., et al. (2009) J. Biol. Chem. 284: 17039.
- 

## Product Images

---

Chemical structure of Pyr41 (SIH-330), a E1 UAE inhibitor. CAS #: 418805-02-4.  
Molecular Formula: C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>7</sub> . Molecular Weight: 371.3 g/mol.



## Product Citations (0)

---

Currently there are no citations for this product.

## Reviews

---

There are no reviews yet.