



# 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) 

## Panobinostat

**Catalog #:** 27020

**Size:** 5 mg

**CAS Registry #:** 49843-98-3

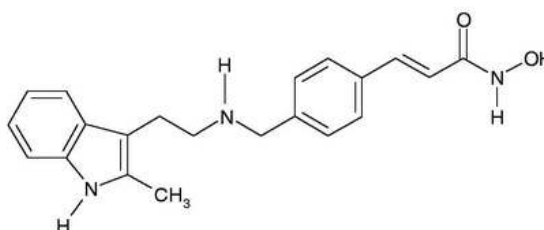
**Purity:** >99%

**Chemical Formula:** C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>

**Molecular Weight:** 349.4

**Lot #:** 130925

**Structure:**



**Description:** Panobinostat is a histone deacetylase inhibitor. Inhibition of histone deacetylase (HDAC) by panobinostat is being researched in studies conducted for cutaneous T cell lymphoma, prostate cancer, myelodysplastic syndromes, breast cancer, chronic myelogenous leukemia, and other types of malignant disease.

**Appearance:** Yellow Solid.

**Solubility:** Soluble in DMSO at 200 mg/mL and ethanol 5 mg/mL. Poorly soluble in H<sub>2</sub>O.

**Biological Activity:** Panobinostat was shown to inhibit several human multiple myeloma cell lines with an IC<sub>50</sub> of ≥ 20nM. Panobinostat was also shown to inhibit the proliferation of 7 of 8 tested pancreatic cell lines with a mean IC<sub>50</sub> of 0.09 μM.

**Storage/Stability:** Store at or below -20°C.

**Quality Control:** The purity was determined by HPLC analysis.

**Reference(s):**

1. Catley, L., *et al. Blood*. 2006 **108**: 3441-3449
2. Haefner, M., *et al. World J. Gastroenterol*. 2008 **14**:3681-3692