



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### 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

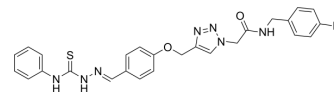
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## PTP1B-IN-27

Cat. No.:	HY-162480
Molecular Formula:	C <sub>26</sub> H <sub>24</sub> FN <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	517.58
Target:	Glucosidase; Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PTP1B-IN-27 (Compound 7i) is an inhibitor of protein tyrosine phosphatase 1-B (PTP1B) (IC <sub>50</sub> =8.2 μM). PTP1B-IN-27 also inhibits α-Glucosidase (IC <sub>50</sub> =120 μM) and shows competitive inhibition (K <sub>i</sub> =118 μM) <sup>[1]</sup> .
In Vitro	PTP1B-IN-27 (50 μM; 48 h) shows non-cytotoxicity against human dermal fibroblasts (HDF) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ansariashlaghi S, et al. New phenylthiosemicarbazide-phenoxy-1,2,3-triazole-N-phenylacetamides as dual inhibitors against α-glucosidase and PTP-1B for the treatment of type 2 diabetes. Arch Pharm (Weinheim). 2024 Apr 9:e2300517.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA