



# 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

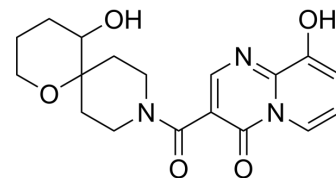
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## MBL-IN-3

Cat. No.:	HY-162493
CAS No.:	1452395-68-4
Molecular Formula:	C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	359.38
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MBL-IN-3 (compound 72922413) is a New Delhi metallo-β-lactamase-1 (NDM-1) inhibitor (IC<sub>50</sub>=54±4 μM). MBL-IN-3 is identified and shown to lower minimum inhibitory concentrations (MICs) of Meropenem (HY-13678) for a panel of E. coli and K. pneumoniae clinical isolates expressing NDM-1. MBL-IN-3 can be used for antibiotic sensitizer research<sup>[1]</sup>.

## REFERENCES

[1]. Cheng Z, et al. Machine Learning Models Identify Inhibitors of New Delhi Metallo-β-lactamase[J]. Journal of Chemical Information and Modeling, 2024.

**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