



# 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

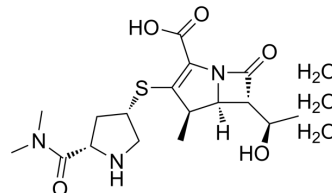
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Meropenem trihydrate (Standard)

<b>Cat. No.:</b>	HY-13678AR
<b>CAS No.:</b>	119478-56-7
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>31</sub> N <sub>3</sub> O <sub>8</sub> S
<b>Molecular Weight:</b>	437.51
<b>Target:</b>	Penicillin-binding protein (PBP); Bacterial; Antibiotic
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Meropenem (trihydrate) (Standard) is the analytical standard of Meropenem (trihydrate). This product is intended for research and analytical applications. Meropenem trihydrate (SM 7338 trihydrate) is a carbapenem antibiotic with broad-spectrum antibacterial activity. Meropenem trihydrate has activity against susceptible and resistant *N. gonorrhoeae* (MIC value of 0.02-0.06 mg/mL), *H. influenzae* (MIC value of 0.03-0.12 mg/mL), and *H. ducreyi* (MIC value of 0.015-0.12 mg/mL)<sup>[1][2]</sup>.

### REFERENCES

- [1]. L Slaney, et al. In-vitro activity of meropenem against Neisseria gonorrhoeae, Haemophilus influenzae and H. ducreyi from Canada and Kenya. J Antimicrob Chemother. 1989 Sep;24 Suppl A:183-6.
- [2]. George G Zhanel, et al. Comparative review of the carbapenems. Drugs. 2007;67(7):1027-52.
- [3]. Umit Ateskan, et al. Deferoxamine and meropenem combination therapy in experimental acute pancreatitis. Pancreas. 2003 Oct;27(3):247-52.

**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