



# 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

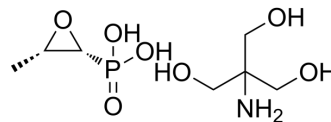
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Fosfomicin tromethamine (Standard)

Cat. No.:	HY-B0609R
CAS No.:	78964-85-9
Molecular Formula:	C <sub>7</sub> H <sub>18</sub> NO <sub>7</sub> P
Molecular Weight:	259.19
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Fosfomicin (tromethamine) (Standard) is the analytical standard of Fosfomicin (tromethamine). This product is intended for research and analytical applications. Fosfomicin (MK-0955) tromethamine is a blood-brain barrier penetrating, broad-spectrum antibiotic by irreversibly inhibiting an early stage in cell wall synthesis. Fosfomicin tromethamine shows both in vivo and in vitro activity against a wide range of bacteria, including multidrug-resistant (MDR), extensively drug-resistant (XDR), and pan-drug-resistant (PDR) bacteria<sup>[1][2]</sup>.

### REFERENCES

- [1]. Dijkmans AC, et al. Fosfomicin: Pharmacological, Clinical and Future Perspectives. *Antibiotics (Basel)*. 2017 Oct 31;6(4). pii: E24.
- [2]. Falagas ME, et al. Fosfomicin. *Clin Microbiol Rev*. 2016 Apr. 29(2):321-47.
- [3]. Inouye S, et al. Protective effect of fosfomicin on the experimental nephrotoxicity induced by dibekacin. *J Pharmacobiodyn*. 1982 Sep. 5(9):659-69.
- [4]. Inouye S, et al. Mode of protective action of fosfomicin against dibekacin-induced nephrotoxicity in the dehydrated rats. *J Pharmacobiodyn*. 1982 Dec. 5(12):941-50.

**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