



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

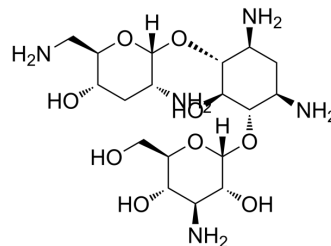
mail@szabo-scandic.com

www.szabo-scandic.com

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

Tobramycin (Standard)

Cat. No.:	HY-B0441R
CAS No.:	32986-56-4
Molecular Formula:	C ₁₈ H ₃₇ N ₅ O ₉
Molecular Weight:	467.51
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tobramycin (Standard) is the analytical standard of Tobramycin. This product is intended for research and analytical applications. Tobramycin (Nebramycin Factor 6) is a parenterally administered, broad spectrum aminoglycoside antibiotic that is widely used in the treatment of moderate to severe bacterial infections due to sensitive organisms^[1]. Tobramycin can be used to pneumonia research caused by *Pseudomonas aeruginosa*^{[2][3]}.

REFERENCES

- [1]. Tobramycin.
- [2]. VanDrisse CM, et.al. Computationally designed pyocyanin demethylase acts synergistically with tobramycin to kill recalcitrant *Pseudomonas aeruginosa* biofilms. Proc Natl Acad Sci U S A. 2021 Mar 23;118(12):e2022012118.
- [3]. Louie A, et.al. Impact of meropenem in combination with tobramycin in a murine model of *Pseudomonas aeruginosa* pneumonia. Antimicrob Agents Chemother. 2013 Jun;57(6):2788-92.
- [4]. Welles JS, et.al. Preclinical toxicology studies with tobramycin. Toxicol Appl Pharmacol. 1973 Jul;25(3):398-409.

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