



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

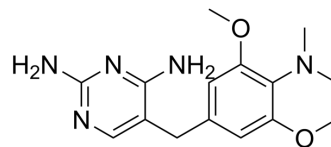
mail@szabo-scandic.com

www.szabo-scandic.com

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

Aditoprime (Standard)

Cat. No.:	HY-139743R
CAS No.:	56066-63-8
Molecular Formula:	C ₁₅ H ₂₁ N ₅ O ₂
Molecular Weight:	303.36
Target:	Bacterial; Antifolate
Pathway:	Anti-infection; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Aditoprime (Standard) is the analytical standard of Aditoprime. This product is intended for research and analytical applications. Aditoprime (Aditoprim), a selective bacterial dihydrofolate reductase (DHFR) inhibitor, inhibits the transformation of dihydrofolic acid to tetrahydrofolic acid. Aditoprime inhibits E.coli and L.casei DHFR with IC₅₀ of 47 and 520 nM, respectively. Aditoprime has a broad antimicrobial spectrum, good antibacterial activity and excellent pharmacokinetics^{[1][2][3]}.

REFERENCES

- [1]. Then RL, et al. Properties of aditoprim, a new antibacterial dihydrofolate reductase inhibitor. Zentralbl Veterinarmed B. 1988;35(2):114-120.
- [2]. Cheng G, et al. The antibacterial activities of aditoprim and its efficacy in the treatment of swine streptococcosis. Sci Rep. 2017;7:41370. Published 2017 Feb 1.
- [3]. Wang X, et al. Two-generation reproduction and teratology studies of feeding aditoprim in Wistar rats. J Appl Toxicol. 2015;35(12):1531-1538.

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