



# 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

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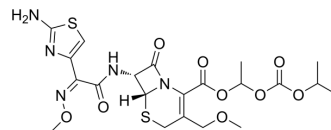
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## Cefpodoxime Proxetil (Standard)

Cat. No.:	HY-N7101R
CAS No.:	87239-81-4
Molecular Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>5</sub> O <sub>9</sub> S <sub>2</sub>
Molecular Weight:	557.6
Target:	Bacterial; Antibiotic; Penicillin-binding protein (PBP)
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cefpodoxime Proxetil (Standard) is the analytical standard of Cefpodoxime Proxetil. This product is intended for research and analytical applications. Cefpodoxime proxetil is an orally administered broad spectrum third-generation cephalosporin. Cefpodoxime proxetil has anti-bacterial activity. Cefpodoxime proxetil binds to penicillin binding proteins (PBPs) which inhibits peptidoglycan synthesis, finally results in interfering bacterial cell wall biosynthesis<sup>[1][2]</sup>.

### REFERENCES

- [1]. Iqbal S, et al. In vitro Spectroscopic studies on drug interaction of cefpodoxime proxetil and H2 receptor blockers. Pak J Pharm Sci. 2019 Mar;32(2 (Supplementary)):881-887.
- [2]. Pahwa R, Rana A S, Dhimans S, et al. Cefpodoxime proxetil: an update on analytical, clinical and pharmacological aspects [J]. J Curr Chem Pharm Sc, 2015, 5(2): 56-66.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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