



# 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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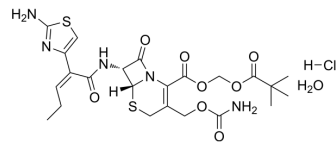
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## Cefcapene pivoxil hydrochloride hydrate (Standard)

<b>Cat. No.:</b>	HY-W040022R
<b>CAS No.:</b>	147816-24-8
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>32</sub> ClN <sub>5</sub> O <sub>9</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	622.11
<b>Target:</b>	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

<b>Description</b>	Cefcapene pivoxil (hydrochloride hydrate) (Standard) is the analytical standard of Cefcapene pivoxil (hydrochloride hydrate). This product is intended for research and analytical applications. Cefcapene pivoxil hydrochloride hydrate, the pivalate ester prodrug form of Cefcapene, is an orally active third-generation cephalosporin with a wide spectrum of anti-bacterial activity. Cefcapene pivoxil hydrochloride hydrate has the potential for the palmoplantar pustulosis (PPP) research [1][2].
<b>IC<sub>50</sub> &amp; Target</b>	IC50: bacterial <sup>[1]</sup>

### REFERENCES

- [1]. Murakami M, et al. Cefcapene Pivoxil Hydrochloride Is a Potentially New Treatment for Palmoplantar Pustulosis with Pustulotic Arthro-Osteitis. *Dermatology*. 2015;231(4):304-11.
- [2]. Koh Okamoto, et al. Poor penetration of cefcapene into aqueous humor after oral administration of cefcapene pivoxil to patients undergoing cataract surgery. *J Infect Chemother*. 2020 Feb;26(2):312-315.
- [3]. Sekiya Y, et al. Comparative efficacies of different antibiotic treatments to eradicate nontypeable *Haemophilus influenzae* infection. *BMC Infect Dis*. 2008 Feb 7;8:15.

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

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