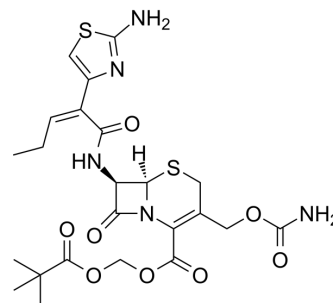


Cefcapene pivoxil

Cat. No.:	HY-135221A
CAS No.:	105889-45-0
Molecular Formula:	C ₂₃ H ₂₉ N ₅ O ₈ S ₂
Molecular Weight:	567.64
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cefcapene pivoxil, the pivalate ester prodrug form of Cefcapene, is an orally active third-generation cephalosporin with a wide spectrum of anti-bacterial activity. Cefcapene has the potential for the palmoplantar pustulosis (PPP) research ^{[1][2]} .
IC ₅₀ & Target	β-lactam

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.

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

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