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Product Datasheet

Cefcapene pivoxil, CAS [[147816-24-8]] FBM-10-3972

Article Name	Cefcapene pivoxil, CAS [[147816-24-8]]
Biozol Catalog Number	FBM-10-3972
Supplier Catalog Number	10-3972
Alternative Catalog Number	FBM-10-3972-20MG, FBM-10-3972-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antibiotic/Gasdermin D inhibitor...
Molecular Weight	622.11
Purity	>98% by HPLC, NMR (conforms)
Form	Off-white to beige solid
CAS Number	[147816-24-8]
Formula	C ₂₃ H ₂₉ N ₅ O ₈ S ₂ HClH ₂ O
Application Notes	Cefcapene pivoxil is a pivalate ester prodrug form of the third generation cephalosporin Cefcapene. Displays broad-spectrum antibacterial activity against both Gram-negative and -positive bacteria including <i>S. aureus</i> . ¹ Cefcapene pivoxil potently suppresses gasdermin D-mediated pyroptosis via targeting of the oligomerization interface I. ² Active in vivo in a mouse model of sepsis. Cefcapene pivoxil acts synergistically with another gasdermin D inhibitor, SCR-1481B1 (Cat 10-3971), and a PD-L1 antibody to significantly enhance the antitumor activity of anti-PD-L1 therapy.