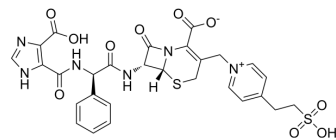


Cefpimizole

Cat. No.:	HY-106350
CAS No.:	84880-03-5
Molecular Formula:	C ₂₈ H ₂₆ N ₆ O ₁₀ S ₂
Molecular Weight:	670.67
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cefpimizole (U-63196E) is a broad-spectrum cephalosporin antibiotic. Cefpimizole inhibits many Ampicillin (HY-B0522)-resistant bacteria, and is active against gram-negative species. Cefpimizole augments phagocytosis of macrophages and neutrophils^{[1][2]}.

REFERENCES

- [1]. Neu HC, et al. In vitro activity and beta-lactamase stability of U-63196E, a novel cephalosporin. *Antimicrob Agents Chemother.* 1983 Sep;24(3):375-82.
- [2]. Ohnishi H, et al. Effects of AC-1370, a new semisynthetic cephalosporin, on phagocyte functions. *Antimicrob Agents Chemother.* 1983 Jun;23(6):874-80.

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

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