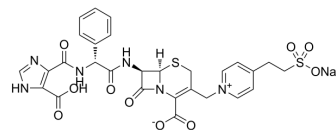


## Cefpimizole sodium

Cat. No.:	HY-106350A
CAS No.:	85287-61-2
Molecular Formula:	C <sub>28</sub> H <sub>25</sub> N <sub>6</sub> NaO <sub>10</sub> S <sub>2</sub>
Molecular Weight:	692.65
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) sodium is a broad-spectrum cephalosporin antibiotic. Cefpimizole sodium inhibits many Ampicillin (HY-B0522)-resistant bacteria, and is active against gram-negative species. Cefpimizole sodium augments phagocytosis of macrophages and neutrophils<sup>[1][2]</sup>.

### 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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