Biapenem is a carbapenem β-lactam antibiotic. Like other carbapenems, biapenem binds penicillin-binding proteins to inhibit bacterial cell wall synthesis. Biapenem exhibits broad spectrum antibacterial activity and is clinically used to treat respiratory and urinary tract infections. Biapenem displays activity against several species of bacteria, including *Bacteriodes*, *Prevotella*, *Clostridium*, and *Pseudomonas*. In animal models of pneumonia, biapenem decreases bacteria numbers and increases survival rates.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.