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Ceforanide

National Cancer Institute

Source

National Cancer Institute. *Ceforanide*. NCI Thesaurus. Code C47436.

A semi-synthetic, broad-spectrum, beta-lactam, second-generation cephalosporin antibiotic with bactericidal activity. Ceforanide causes inhibition of bacterial cell wall synthesis by inactivating penicillin binding proteins (PBPs) thereby interfering with the final transpeptidation step required for cross-linking of peptidoglycan units which are a component of the cell wall. This results in a reduction of cell wall stability and causes cell lysis.