



Ceftazidime

A Broad-Spectrum antibiotic, inhibiting bacterial growth

Ceftazidime Powder, considered a third-generation cephalosporin antibiotic, is effective against a broad spectrum of bacteria, Gram-negative organisms for example, *Pseudomonas aeruginosa*. This Antibiotic works by inhibiting bacterial cell wall synthesis.

Ceftazidime Powder used commonly to treat severe infections Including pneumonia, the urinary tract infections, and infections in those skin and soft tissues.

Furthermore, low resistance rates and efficacies of Ceftazidime Powder against multidrug-resistant bacteria are making it a valuable tool in fighting those infections. Its ability to penetrate tissues and reach High concentrations in urinary tracts and respiratory secretions, enhances its effectiveness or something.

Cat. Number	AS-2028
CAS Number	72558-82-8
MDL Number	MFCD01940866
Molecular Weight	546.58 g/mol
Molecular Formula	$C_{22}H_{22}N_6O_7S_2$
Storage Temperature	4° C
Form and Color	Crystalline Powder / White to light yellow
Purity (HPLC)	≥ 95%
Loss on Drying	≤ 18%
1H-NMR Spectrum	Corresponds to assigned structure