

Cefoxitin

Inhibitor of cell wall synthesis

Cefoxitin is a member of cephalosporin class of antibiotics. Cefoxitin links with Penicillin-Binding-Proteins and create an unstable bacterial cell wall. It is mostly active against anaerobe organisms. Cefoxitin is not sensitive to β -lactamases positive by gram-positive and some gram-negative bacteria. Some genus like *Enterobacter* and *Pseudomonas* are resistant to cefoxitin.

Cat. Number	AS-2036
CAS Number	35607-66-0
Molecular Weight	427.45 gr/mol
Molecular Formula	$C_{16}H_{17}N_3O_7S_2$
Storage Temperature	+4 °C
Form and Color	Powder / White to off-white
Purity (HPLC)	$\geq 97.5\%$
Water Content	$\leq 5\%$