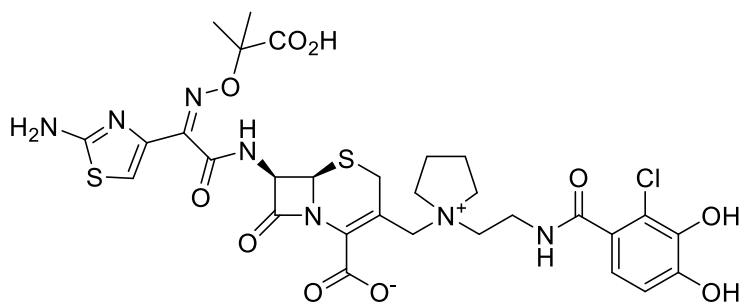


Molecule of the Month

Cefiderocol



This month's molecule of the month is Cefiderocol. Cefiderocol is an injectable cephem cephalosporin antibiotic, which acts as a cell wall synthesis inhibitor. Cefiderocol is a new drug to treat severe infections that are caused by gram-negative bacteria, this class of bacteria are becoming increasingly resistant to many antibiotics. The drug possesses a novel mechanism for penetrating the outer cell membrane of Gram-negative pathogens, is being developed by Shionogi, and is undergoing phase III clinical trials.

