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Interactions of ceftiofur sodium with H₂ – receptor antagonist

Ceftiofur sodium is a third generation cephalosporin with broad spectrum activity against gram positive and gram negative bacteria. It is well established that the administration of cephalosporins can induce gastrointestinal complications. Therefore, it is normally advisable to co-administer the cephalosporin with some H₂-receptor antagonist to avoid such complications. But co-administration of one drug in the presence of other may effect its performance. Therefore, the study has been carried out to check the performance of ceftiofur in the presence of H₂-receptor antagonist. Also, the study has been

carried out by simulating the pH to full gut at room as well as elevated temperature.

Speaker Biography

Nitin Tandon is an Associate Professor in Lovely Professional University. He heads the Department of Research Degree Cell and Department of Curriculum Pedagogy Department. He has obtained his B.Sc. and M.Sc. from Guru Nanak Dev University and doctorate from Rajasthan University, India. His research work includes synthesis of active pharmaceutical ingredients like Vildagliptin, Apixaban, Febuxostat for which he adds many patents both Indian as well as international to his credit. He is mainly interested in design and synthesis of novel organic molecules of medicinal use.

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