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Title: Rapid Quantitative Analysis of Ormeloxifene and Its Active Metabolite, 7-Desmethyl Ormeloxifene, in Rat Plasma Using Liquid Chromatography-Tandem Mass Spectrometry

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Rapid Quantitative Analysis of Ormeloxifene and Its Active Metabolite, 7-Desmethyl Ormeloxifene, in Rat Plasma Using Liquid Chromatography-Tandem Mass Spectrometry

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Highlights

► **Rapid Quantitative Analysis of Ormeloxifene and Its Active Metabolite, 7-Desmethyl Ormeloxifene, in Rat Plasma Using Liquid Chromatography-Tandem Mass**

Spectrometry ► Abhisheak Sharma, Swati Jaiswal, Mahendra Shukla, Yaseen Mallik and Jawahar Lal^{*} ► A simple and sensitive LC–MS/MS method was developed for simultaneous determination of marketed contraceptive ormeloxifene and its active metabolite, 7-desmethyl ormeloxifene, in rat plasma. ► The method was fully validated and successfully applied to interaction study of ormeloxifene with sertraline. ► Sertraline co-administration doesn't

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