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Title: Simultaneous Determination of Dextromepromazine and related substances 2-Methoxyphenothiazine and Levomepromazine Sulfoxide in Levomepromazine on a Cellulose *tris*(4-Methylbenzoate) Chiral Column

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Simultaneous Determination of Dextromepromazine and related substances 2-Methoxyphenothiazine and Levomepromazine Sulfoxide in Levomepromazine on a Cellulose *tris*(4-Methylbenzoate) Chiral Column

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Highlights

- First enantioseparation of mepromazine enantiomers on a polysaccharide chiral column
- Validated method for the determination of chiral and achiral impurities
- Analysis of pharmacopeial reference substance and drug products

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