

Two validated liquid chromatographic methods for the simultaneous determination of flumethasone pivalate, its related substance (flumethasone), and clioquinol

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Abstract

Two liquid chromatographic methods were developed and validated. Simple and sensitive thin-layer chromatography (TLC)-densitometric and high-performance liquid chromatographic (HPLC) methods were used for the simultaneous determination of flumethasone pivalate (FP), flumethasone pivalate related substance and impurity, flumethasone (FL), and clioquinol (CL). The proposed TLC-densitometric method has been developed using silica gel plates 60 F254 as a stationary phase with benzene-hexane- ...

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