Analysis of chlordesmethyldiazepam by three different techniques

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Abstract

Three simple, rapid, and accurate techniques have been developed for the determination of chlordesmethyldiazepam. The first one depends on the spectrophotometric determination of the orange azodye resulting from the coupling of thymol with the acid induced hydrolysis product of chlordesmethyldiazepam after conversion to the corresponding diazonium salt. The second is the application of quantitative densitometry for the simultaneous determination of chlordesmethyldiazepam in the presence of its degradation product.

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