

Diethylpropion in magisterial formulations. Influence of cellulosis derivatives on in vitro stability and availability Dietilpropión en formulaciones magistrales. Influencia de derivados celulósicos en la estabilidad y disponibilidad in vitro.

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The aim of this work was to assess the degree of interaction between diethylpropion and some cellulosic derivatives widely used in anorexigenic prescriptions. Our in vitro results show that sodium carboxymethylcellulose and methylcellulose cause a significant degradation of diethylpropion, the first having a greater effect. Dissolution essays showed that the availability of the drug is vastly reduced by cellulosic derivatives. Provided the close relation between the dissolution and absorption characteristics of a drug, it is possible to predict that this association will result in a poor bioavailability.