

## Abstract

The theoretical section summarizes information about Alzheimer's disease and drugs used for therapy and possible ways the passage of drugs through the skin structure.

In vitro permeation experiments using skin samples from excised from pig showed that the samples of 7-metoxytacrine dispersed in TRIS-buffer and propylene glycol yields average fluxes of substantially lower values than the permeation of 7-metoxytacrine from isopropyl myristate vehicle.

It was also shown to affect the enhancing transkarbam 12 and both from hydrophilic and lipophilic of the environment. But the acceleration effect of pyrrolidone has not been proved.

Azone and transkarbam 12 appears as promising permeation enhancers from isopropyl myristate donor vehicle. In the case of permeation from TRIS-buffer and propylene glycol mixture only transkarbam 12 appears to be suitable accelerant.