

INTRAVAGINAL DRUG DELIVERY DEVICES FOR THE DELIVERY OF MACROMOLECULES AND WATER-SOLUBLE DRUGS

Abstract

An intravaginal drug delivery device comprises a device body comprising a hydrophobic carrier material having at least one channel defining at least one opening to the exterior of said device body, said at least one channel being adapted to receive at least one drug-containing insert; at least one drug-containing insert positioned in said at least one channel, said drug-containing insert capable of releasing a pharmaceutically effective amount of at least one drug suitable for intravaginal administration and containing about 1% to about 70% of at least one water-soluble release enhancer, both the drug and the water-soluble release enhancer dispersed in an insert carrier material; wherein said hydrophobic carrier material and said insert carrier material may be the same or different; and wherein said at least one drug-containing insert is exposed on said exterior of said device body when said intravaginal drug delivery device is in use.

Figure 1