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Polymer nanocontainers for benzocaine

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Abstract

The possibility of immobilization of benzocaine in polymer nanocontainers based on sulfocationites (cationite KU 23 30/100, sulfonated polycalixresorcinarene) has been shown. The Immobilization performedby ion exchange sorption of protonated benzocaine from aqueous solutions. The kineticsofdesorption of neutral molecules and cationsof benzocaine from polymernanocontainers has been investigated.