

## عنوان مقاله:

Trypsin Immobilization on Porous Styrene-Maleic Anhydride Copolymer

## محل انتشار:

نهمین کنگره ملی مهندسی شیمی ایران (سال: 1383)

تعداد صفحات اصل مقاله: 17

## نویسندگان:

Shaghaghi - Iran Polymer Institute

Gunduz - Iran Polymer Institute

## خلاصه مقاله:

In the present research, porous beads of styrene and maleic anhydride copolymer was prepared . It was deduced from the pore volume distribution curve that the extent of dilution, and the degree of crosslinking were sufficient to produce pores with desired pore diameter. Then trypsin which is a proteolytic enzyme (i.e.breaks peptide bonds of protein) was immobilized on the polymer. The parameters which were important for immobilization process such as the incubation time, the mesh size of the polymer as well as the enzyme stability were studied

## کلمات کلیدی:

,Styrene-maleic anhydride copolymer, immobilization, porous beads, degree of crosslinking, trypsin

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/29573>

