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V.I. Shvets. Phospholipids in biotechnologies

The review describes modern concepts of chemical and enzymatic synthesis, isolation of substances from natural sources, and creation of industrial technologies for obtaining phospholipids of various molecular types. Data on their structures, biological activities, and the possibility of using them for the preparation of liposomal forms of drugs are presented

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N.V. Novikov, V.V. Starkov, K.A. Formirovskiy, N.A. Bragina, I.P. Ushakova, A.F. Mironov.

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V.G. Kutcherov, A.Yu. Kolesnikov. Methane route of hydrocarbons formation at very high pressure and high temperature.

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V.F. Tretyakov, A.M. Ilolov, N.A. Frantsuzova, R.M. Talyshinsk. Studying of the conjugate catalytic degradation of methanol to formaldehyde in the presence of hydrogen peroxide.

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The investigation of diffusion of dibutylsebacinate in butadien-acrylonitrile and butadien-methylstyrolic vulcanizates was realized. It was shown that diffusion process in butadien-acrylonitrile vulcanizates isn't stationary. Diffusion coefficients of dibutylsebacinate in butadien-acrylonitrile and butadien-methylstyrolic vulcanizates was calculated. Parameters describing compatibility of plasticizer with above named rubbers was determined. Adhesion characteristics were calculated. It was shown that structures of rubber and plasticizer are influence upon masstransfusion kinetic

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E.A. Demcheva, V.B. Lukmanov, S.A. Panova, O.V. Makarov. Scientific-technical outsourcing as the management tool of the ecologically focused development of the chemical enterprises.

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Вестник МИТХТ

Журнал выходит один раз в два месяца и публикует обзоры и статьи по актуальным проблемам химической технологии и смежных наук. Журнал основан в 2006 году. Учредителем журнала является Московская государственная академия тонкой химической технологии им. М.В. Ломоносова (МИТХТ).

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