Extraction and Some Transformation of Natural Polyprenols

Irina A. Dvornikova, Alexander V. Kutchin, Alla A. Korol'eva

Institute of Chemistry of the Komi Science Center, Uralian Division of RAS, 48 Pervomaiskaya St., Syktyvkar, 167610, fax (8212) 436677, E-mail: kav@chemi.komi.ru

The interest to synthesis and transformations polyprenols and dolichols is stipulated by that they are considered now as potential preparations of a wide spectrum of an operation. Use polyprenols and their derivative open prospect of creation on their basis of medicinal tools with immunotropic, anti-virus and antiulcer activity.

Used in the given work polyprenols N_{35} - N_{40} were chosen from tall products, collateral yield of cellulosepaper manufacture of Syktyvkar wood-industrial complex.

From isolated polyprenols were obtained some derivatives.

