

Solid-state synthesis of unsaturated chitosan derivatives to design 3D structures through two-photon-induced polymerization

Tatiana A. Akopova, Petr S. Timashev, Tatiana S. Demina, Kseniya N. Bardakova, Nikita V. Minaev, Vitalii F. Burdukovskii, Georgii V. Cherkaev, Leonid V. Vladimirov, Aleksandr V. Istomin, Evgeniya A. Svidchenko, Nikolay M. Surin and Viktor N. Bagratashvili

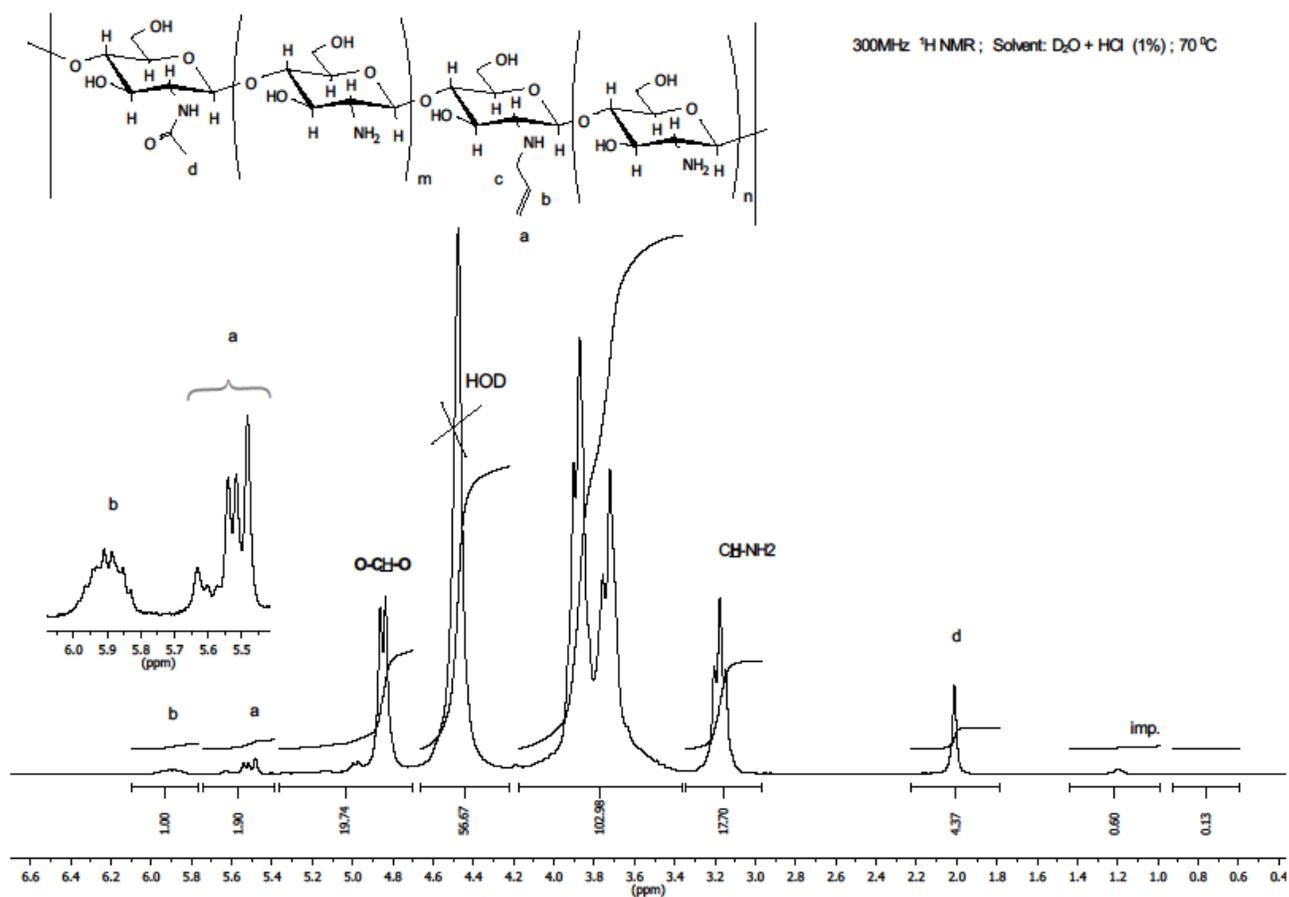


Figure S1 ^1H NMR (300 MHz) spectrum of allyl chitosan in D_2O solution doped with 1% HCl. Signal ascriptions to give a ratio of initial and modified pyranose cycles as well as a content of residual N-acetylated units are shown. 8-10 mol% of allyl-modified units is found.