

Supplementary Information

New prospects for the synthesis of N-alkyl
phosphonate/phosphonic acid-bearing oligo-chitosan

Cite this: DOI: 10.1039/x0xx00000x

N. Illy, G. Couture, R. Auvergne, S. Caillol, G. David and B. Boutevin

Received 00th January 2012,
Accepted 00th January 2012

DOI: 10.1039/x0xx00000x

www.rsc.org/

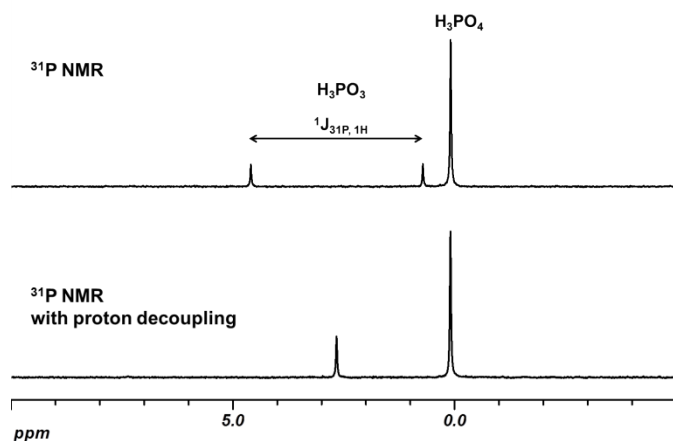


Figure S1: ^{31}P -NMR spectra of compound (I) (run 2) in D_2O at 25 °C.

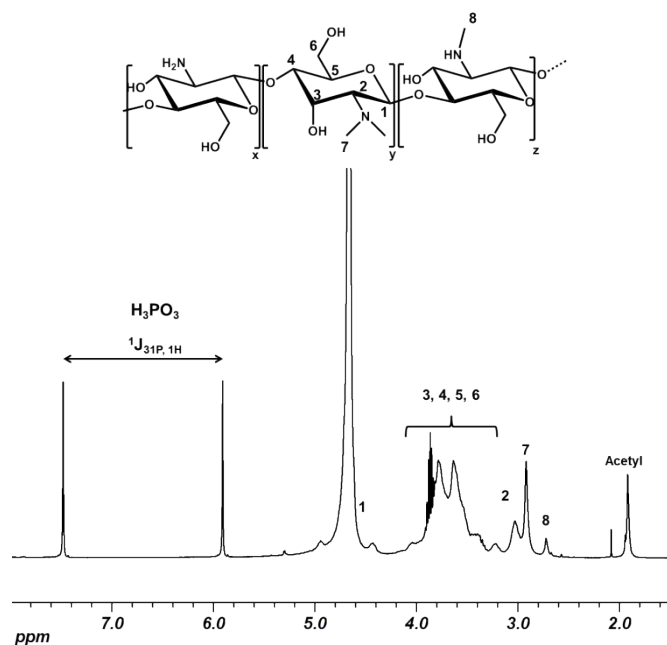


Figure S2: ^1H -NMR spectra of compound (I) (run 2) in D_2O at 25 °C.

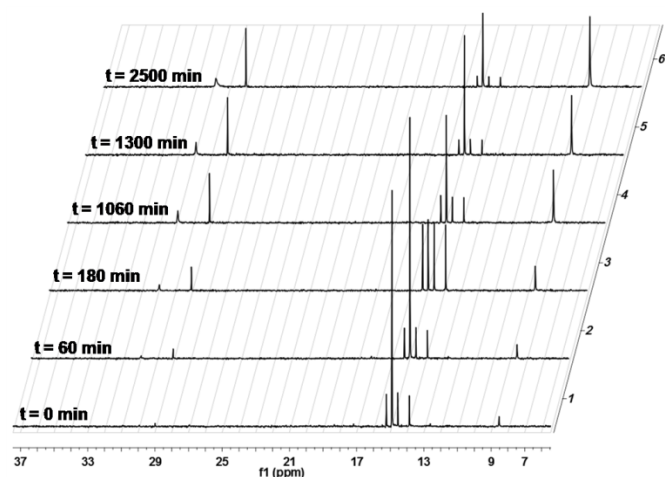


Figure S3: ^{31}P -NMR spectra at different times of the Kabachnik-Fields reaction carried at 40°C .

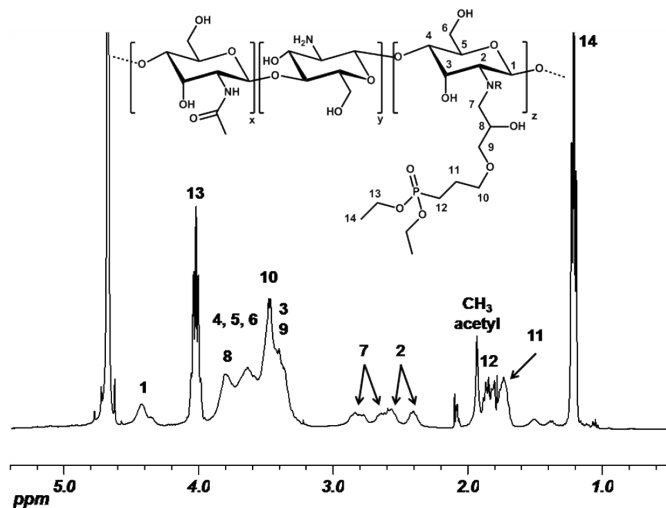


Figure S4: ^1H NMR spectrum of (IV) in D_2O at 25°C .

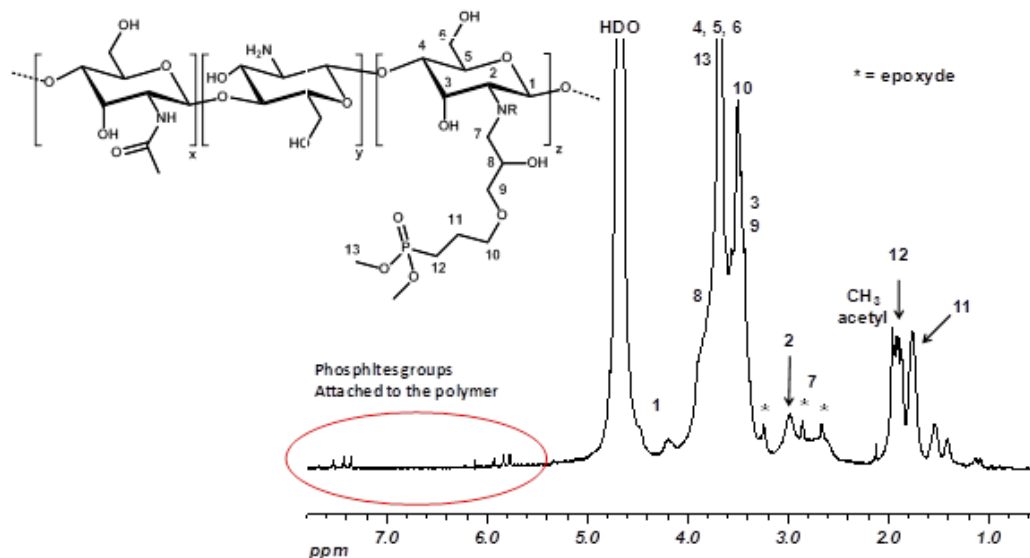


Figure S5: ^1H NMR of (V) in D_2O at 25°C .

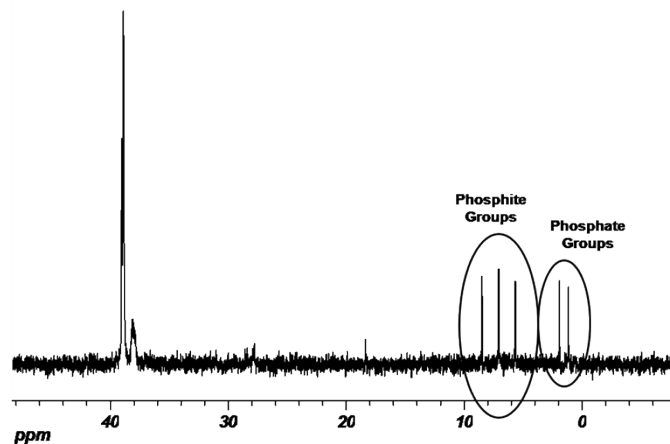


Figure S6: ^{31}P -NMR spectrum of (V) (run 2) in D_2O at 25°C .