

## Supplementary material

### Synthesis of new substituted lactones by “click” chemistry

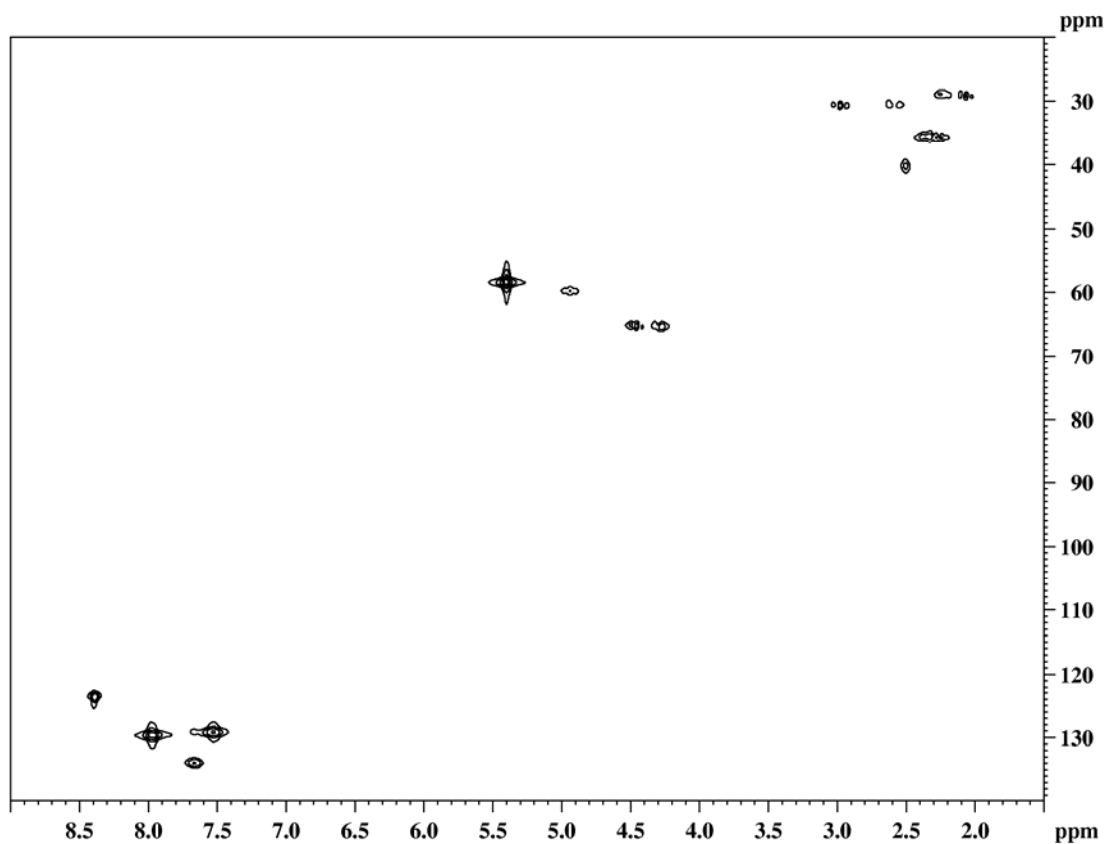
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*Center for Education and Research on Macromolecules (CERM)*

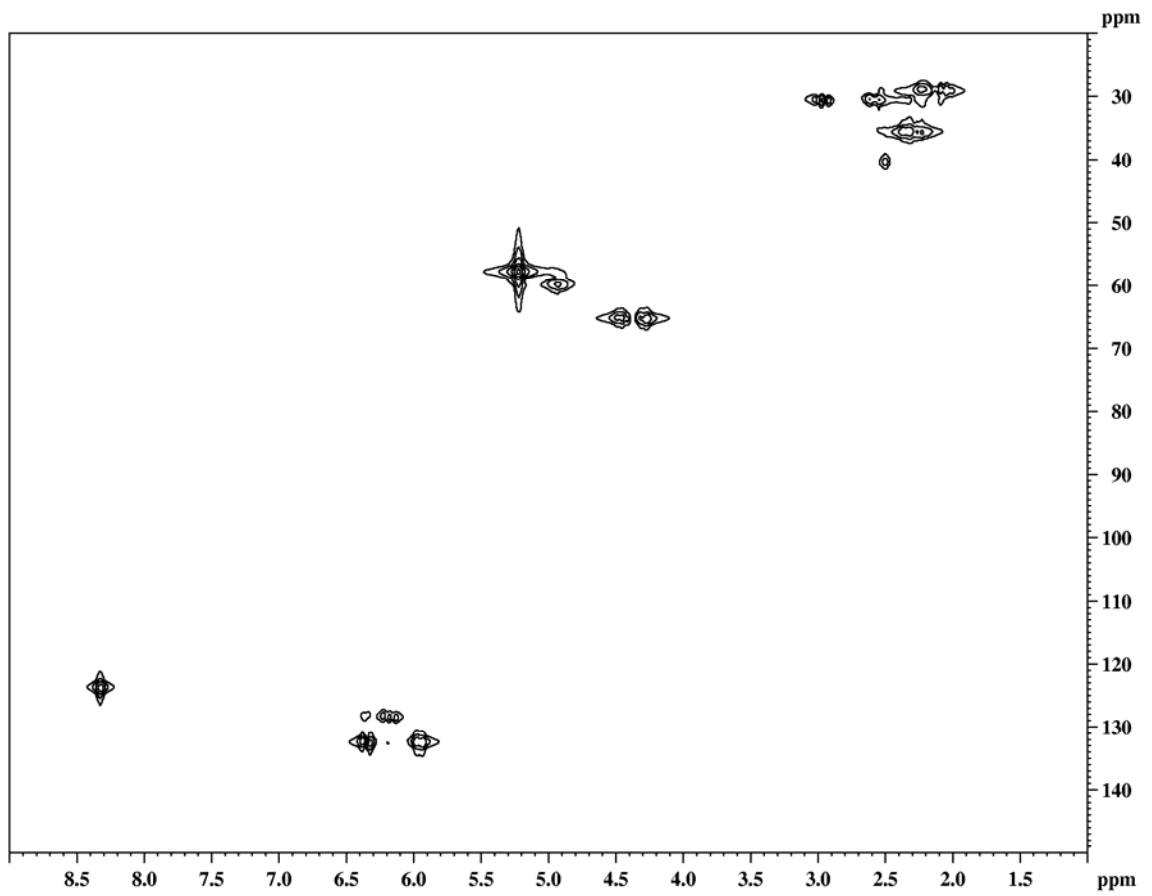
*University of Liège, Sart-Tilman, B6, 4000 Liège, Belgium*

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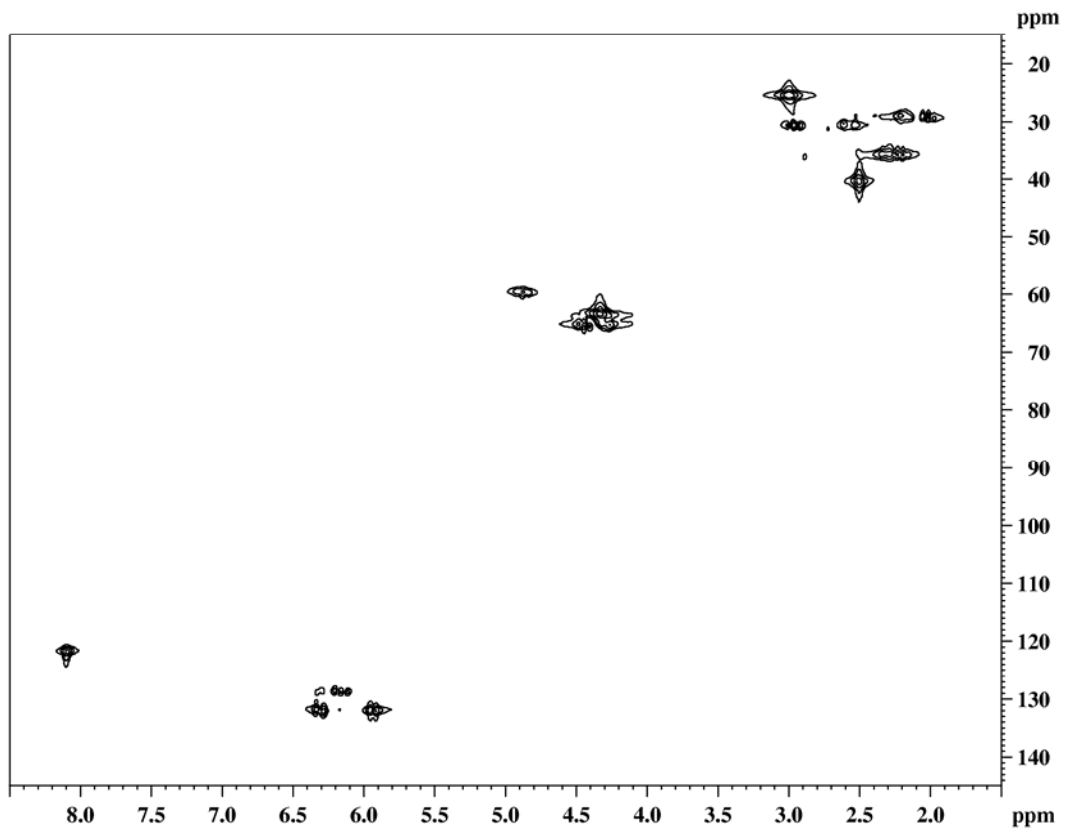
[1-(7-oxooxepan-4-yl)-1*H*-1,2,3-triazol-4-yl]methyl benzoate 12



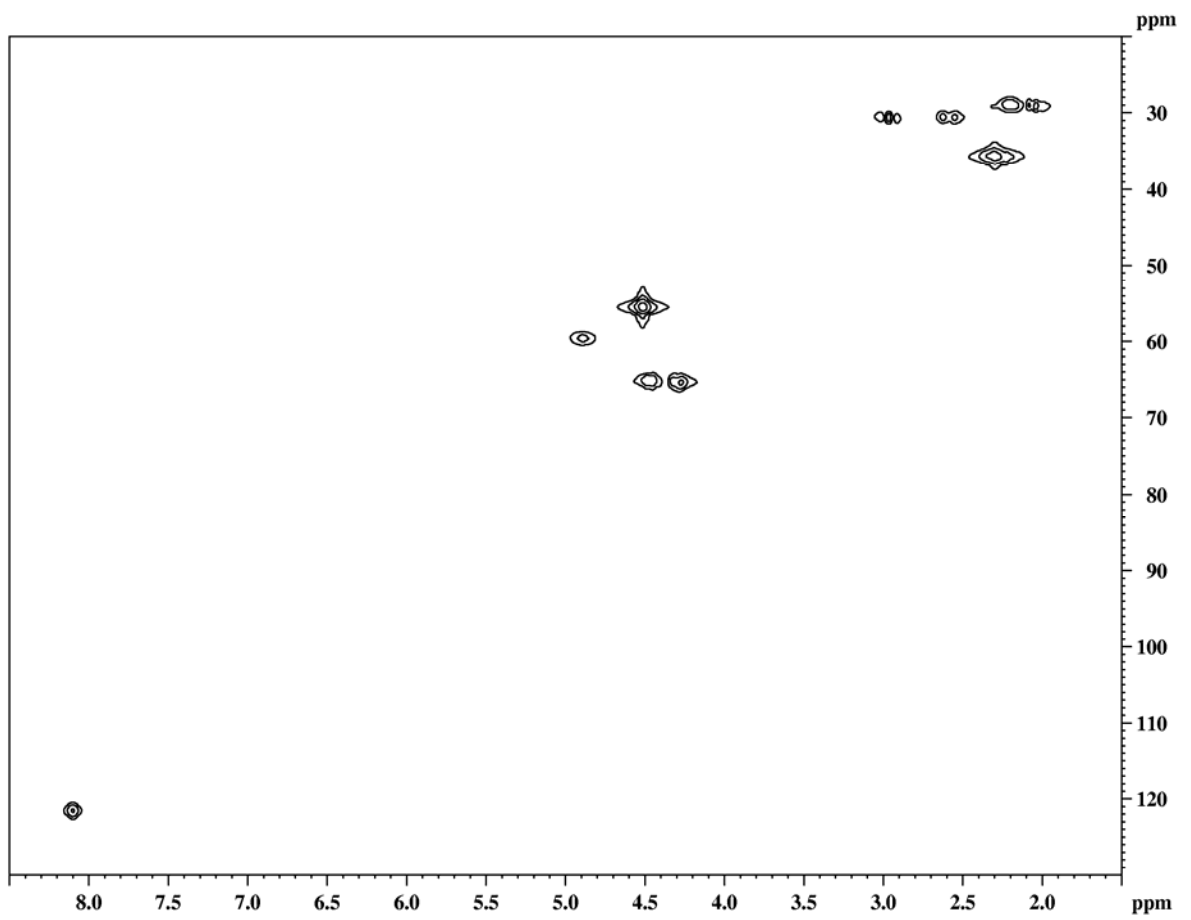
[1-(7-oxooxepan-4-yl)-1*H*-1,2,3-triazol-4-yl]methyl acrylate 25



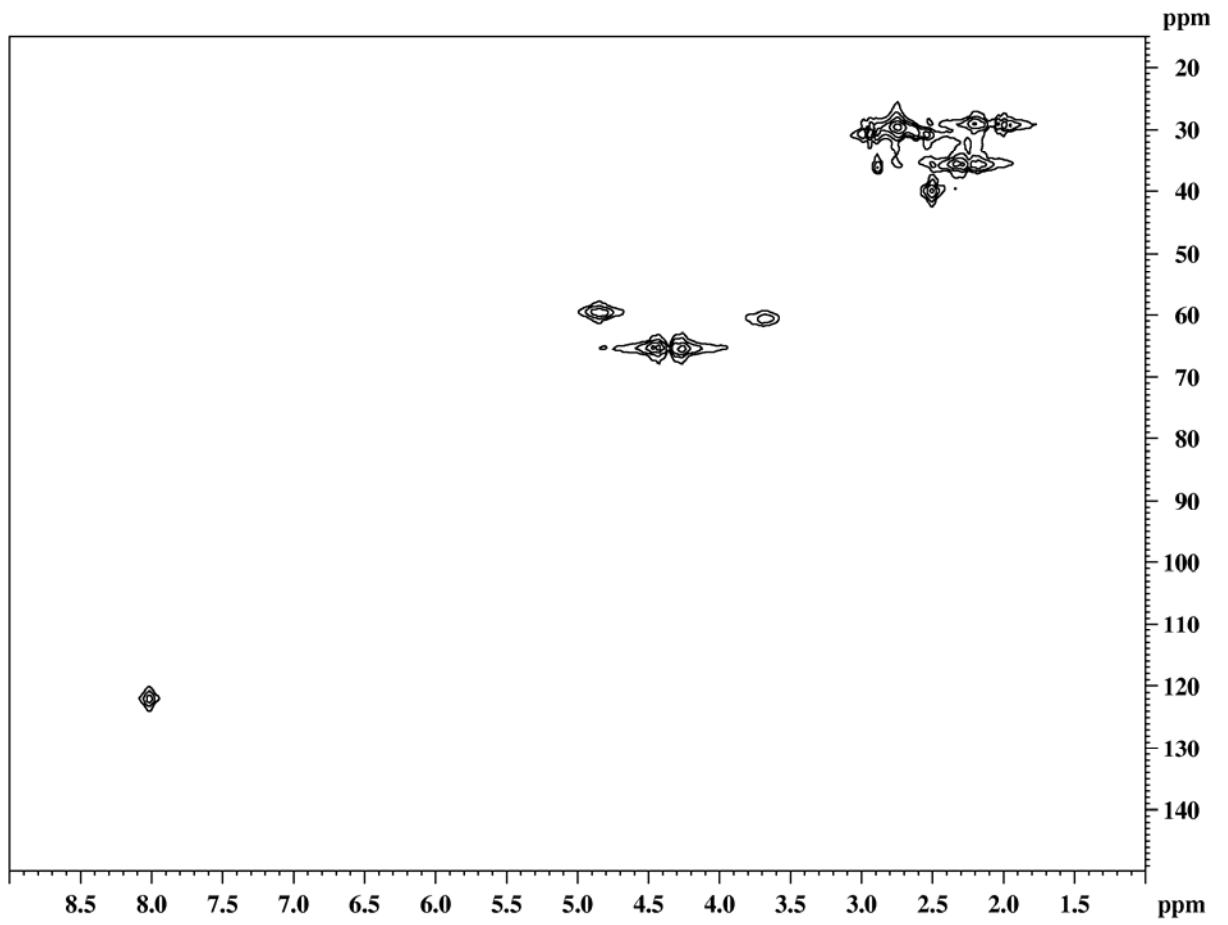
2-[1-(7-oxooxepan-4-yl)-1*H*-1,2,3-triazol-4-yl]ethyl acrylate 26



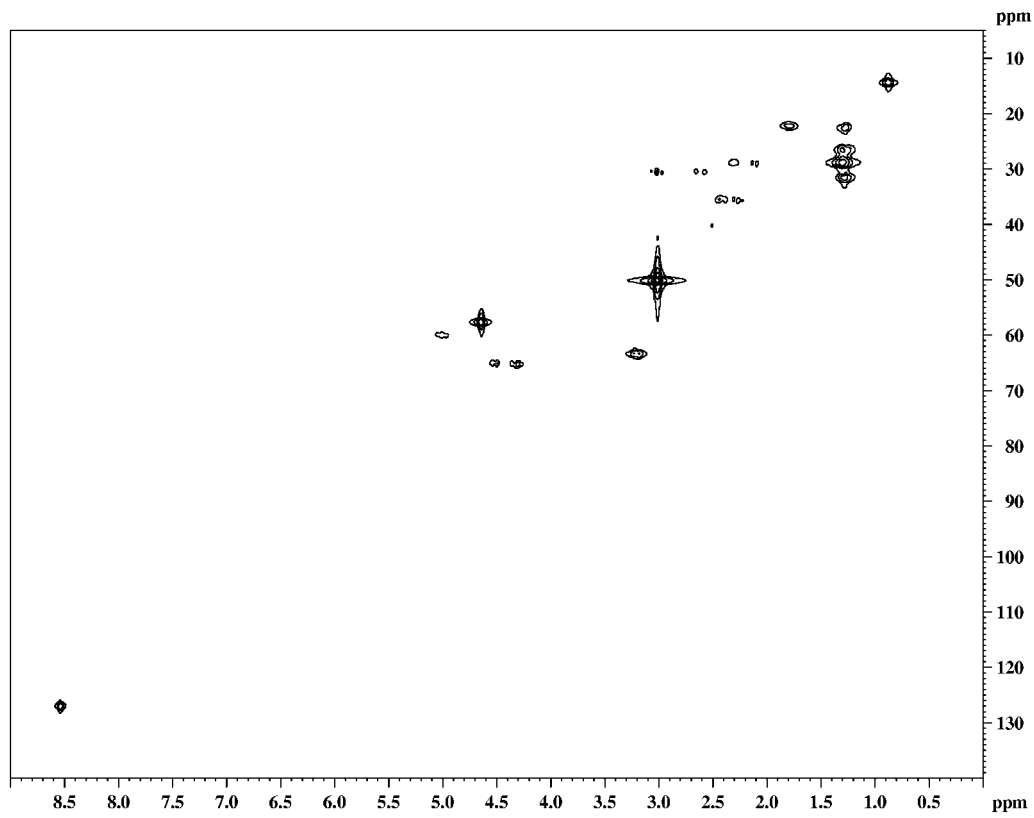
5-[4-(hydroxymethyl)-1*H*-1,2,3-triazol-1-yl]oxepan-2-one 18



5-[4-(hydroxyethyl)-1*H*-1,2,3-triazol-1-yl]oxepan-2-one 19



***N,N*-dimethyl-*N*-{[1-(7-oxooxepan-4-yl)-1*H*-1,2,3-triazol-4-yl]methyloctan-1-ammonium bromide 14**



[1-(7-oxooxepan-4-yl)-1*H*-1,2,3-triazol-4-yl]methyl 2-bromo-2-methylpropanoate 22

