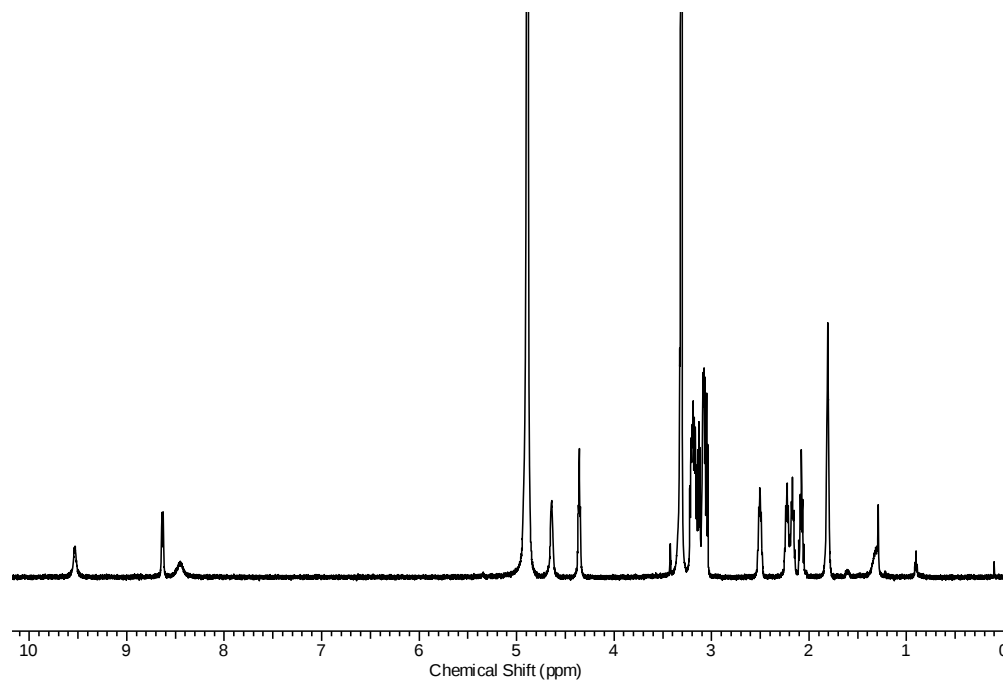
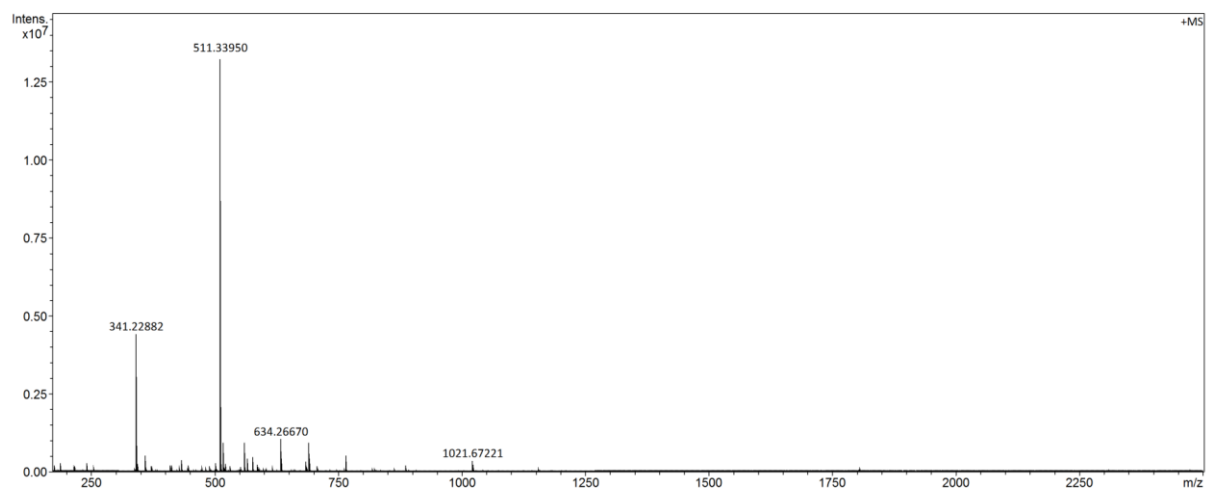


Supporting Material

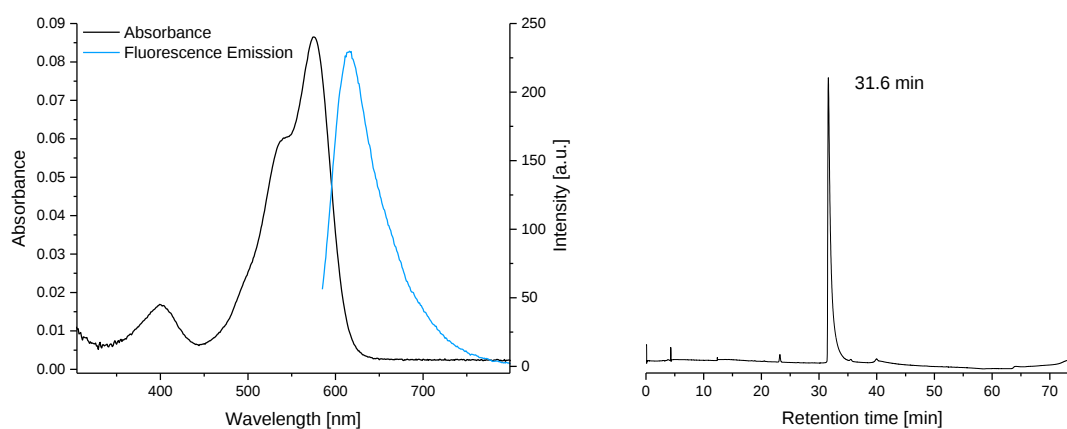
^1H -NMR (600.13 MHz, MeOD) of **PDI-1**



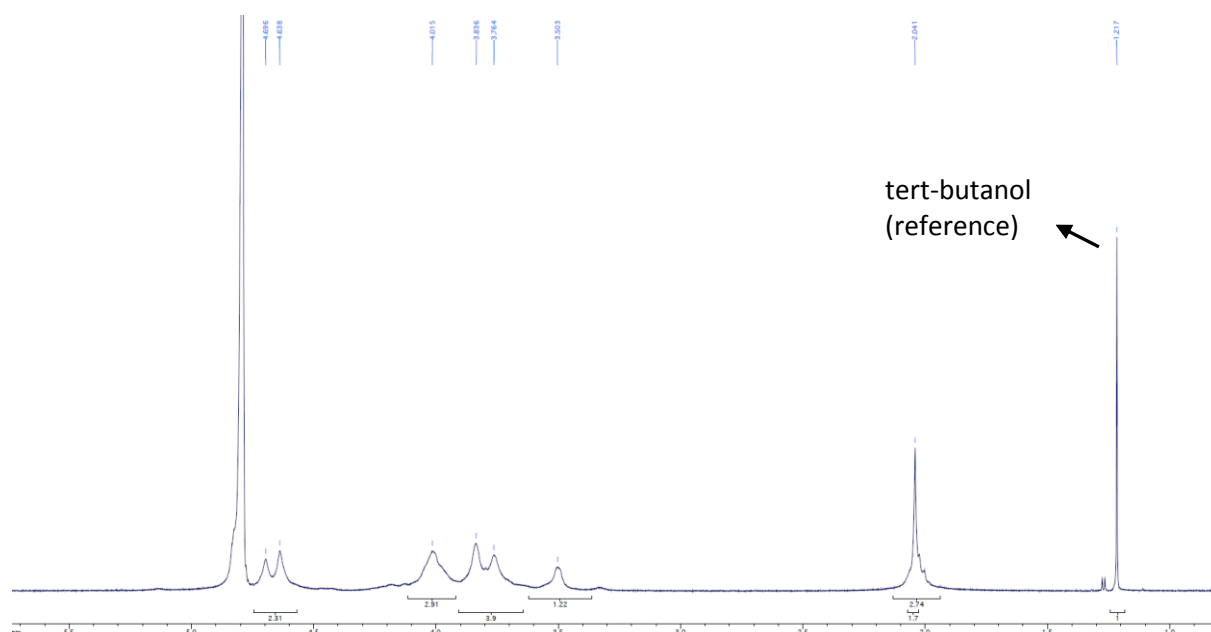
HR-ESI⁺ mass spectrum of **PDI-1**



Absorption- and Emissionspectra in H₂O, 10 mM MOPS buffer pH 7 (c(PDI) = 2 μM; λ_{Ex} = 575 nm, U_D = 500 V) and analytical HPLC of **PDI-1**



¹H-NMR (600.13 MHz, D₂O, c = 6 mg/mL) of commercial dermatan sulfate sample, reference tert-butanol



^1H -NMR (600.13 MHz, D_2O , $c = 7 \text{ mg/mL}$) of commercial dermatan sulfate sample, reference tert-butanol; after spiking with 2.4 mg/mL chondroitin sulfate A/C mixture

