

Supporting Information

Rapid Assembly of Oligosaccharides: a Highly Convergent Strategy for the Assembly of a Glycosylated Amino Acid Derived from PSGL-1

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General methods: All reactions were carried out under nitrogen with anhydrous solvents, unless otherwise stated. CH_2Cl_2 was distilled from CaH_2 prior to use in reactions. All the starting materials were kept *in vacuo* with P_2O_5 prior to use. Chemicals used were reagent grade as supplied except where noted. *N*-iodosuccinimide was used after recrystallization in dioxane/ CCl_4 . Column chromatography was performed on silica gel G60 (60-200 μm 60 Å), reactions were monitored by TLC on Silicagel 60 F₂₅₄. The compounds were detected by examination under the UV light and visualized by charring with 10% sulfuric acid in MeOH or cerium ammonium molybdate in 20% aq. sulfuric acid. Solvents were removed under reduced pressure at ≤ 30 °C. $^1\text{H-NMR}$ and HSQC spectra were recorded in CDCl_3 at 500 MHz on a Varian Inova spectrometer with tetramethylsilane as internal standard, unless otherwise stated. High-resolution mass spectra were obtained by using MALDI-ToF with 2,5-dihydroxybenzoic acid as matrix and the internal standards ultramark 1621 and PEG.







































