Supporting Information

Gram scale production of 1-azido-β-D-glucose via enzyme catalysis for the synthesis of 1,2,3-triazole-glucosides

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Figure S1. Reaction and first purification. (A). Transglucosylation reaction from 0 hr to 24 hrs, (B) H₂O drying by lyophilization, (C) Silica gel column purification, (D) Glc-N₃ 1 [Impure (top), 800 mg pure (bottom)], (E) TLC profile of final fractions from silica gel column.

Figure S2. Second purification. (A). Sephadex LH-20 column (B) TLC profile of fractions from column (C) H₂O drying using lyophilization (D) Pure 1-azido-β-D-glucose (1).
Figure S3. $^1$H NMR Spectra of compound 1 at 600 and 400 MHz
Figure S4. $^{13}$C NMR Spectrum of Compound 1.
Figure S5 $^1$H and $^{13}$C NMR Spectra of Compounds 2-16.
Figure S6. HR-ESI-MS Spectrum of Compound 16