

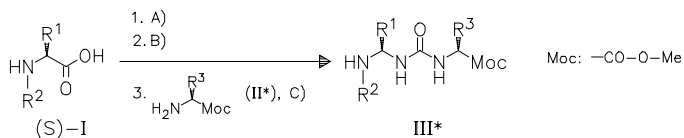
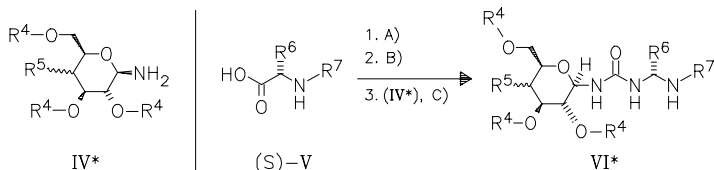
Peptides

U 0400

28- 168

One-Pot Synthesis of Ureido Peptides and Urea-Tethered Glycosylated Amino

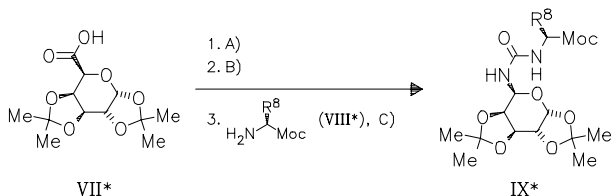
Acids Employing Deoxo-Fluor and TMSN₃. — The procedure avoids isolation of hazardous acyl azides and isocyanate intermediates. — (HEMANTHA, H. P.; CHENNAKRISHNAREDDY, G.; VISHWANATHA, T. M.; SURESHBABU*, V. V.; Synlett 2009, 3, 407-410; Dep. Stud. Chem., Cent. Coll., Bangalore Univ., Bangalore 560 001, India; Eng.) — Jannicke

a R¹: -Me; R²: -Fmoc; R³: -iBu84% A): (Me-O-(CH₂)₂)₂NSF₃, NEt₃, CH₂Cl₂, 0°Cb R¹: -iBu; R²: -Cbz; R³: -Me86% B): Tms-N₃, ultrasound, CH₂Cl₂, 0°Cc R¹: -(CH₂)₂-CO-O-Bn; R²: -Boc; R³: -sBu75% C): ultrasound, CH₂Cl₂, 0°Ca R⁴: -Ac; R⁵: ≡O-Aca R⁴: -Ac; R⁵: ≡O-Ac; R⁶: -iPr; R⁷: -Fmoc

75%

b R⁴: -Bz; R⁵: ≡O-Bzb R⁴: -Bz; R⁵: ≡O-Bz; R⁶: -CH₂-Ph; R⁷: -Boc

72%

a R⁸: -iPr

79%

b R⁸: -CH₂-Ph

72%

c R⁸: -CH₂-O-Bn

76%