

A homogeneous glycoprotein ...

... was prepared by the improved tert-Boc solid-phase peptide synthesis of acid-labile sialylglycopeptide α -thioesters, sophisticated peptide-coupling reactions, and native chemical ligation. In their Communication on page 3567 ff., Y. Kajihara and co-workers report the chemical synthesis of a homogeneous erythropoietin glycoform bearing a complex-type biantennary disialyloligosaccharide. This approach will open a new avenue for the investigation of oligosaccharide function.

