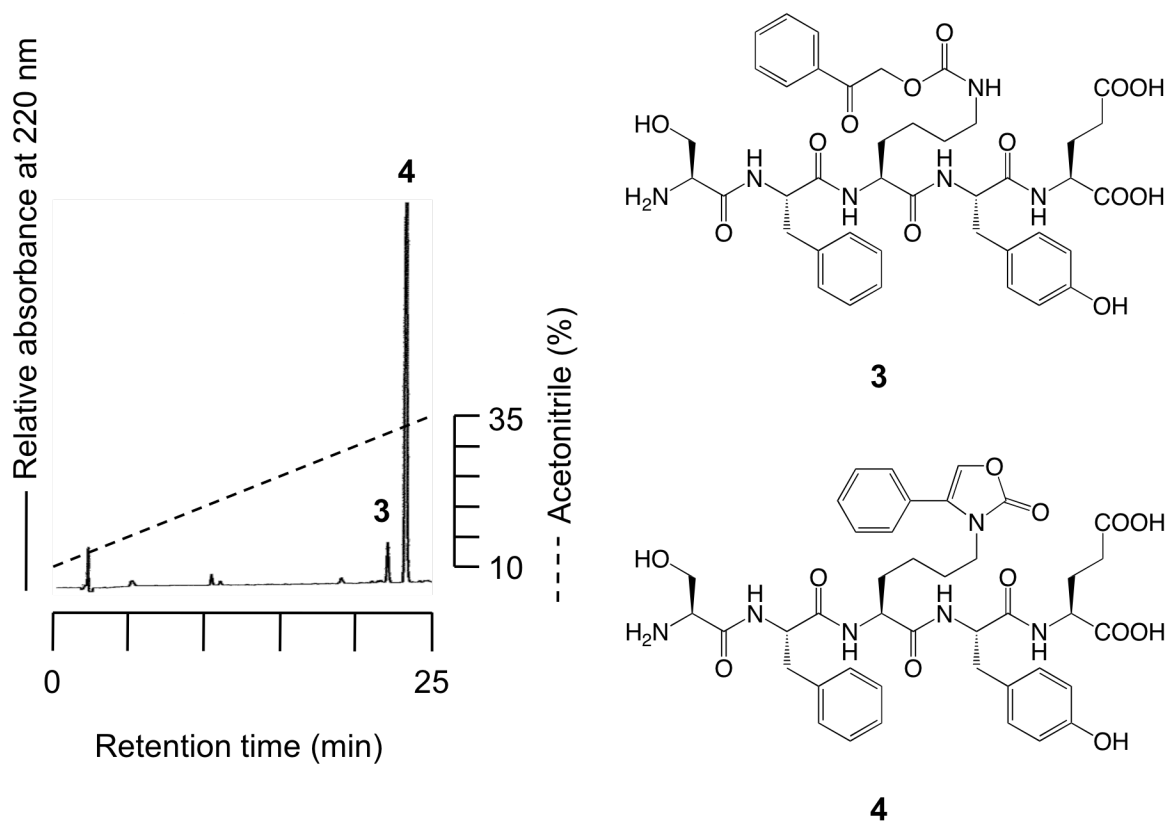


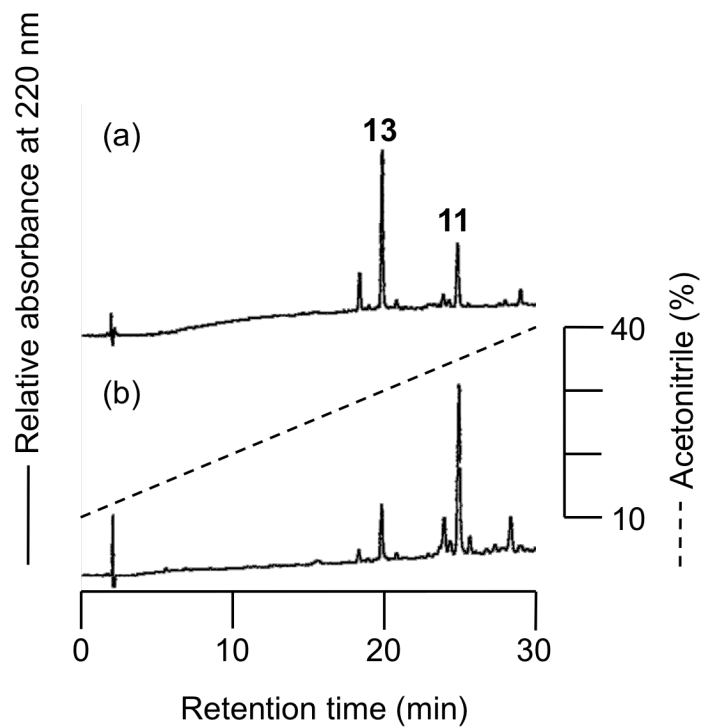
***N*-Methyl-phenacyloxycarbamidomethyl (Pocam) group: a novel thiol protecting group on the solid-phase peptide synthesis and the peptide condensation reactions**

Hidekazu Katayama, Yoshiaki Nakahara and Hironobu Hojo

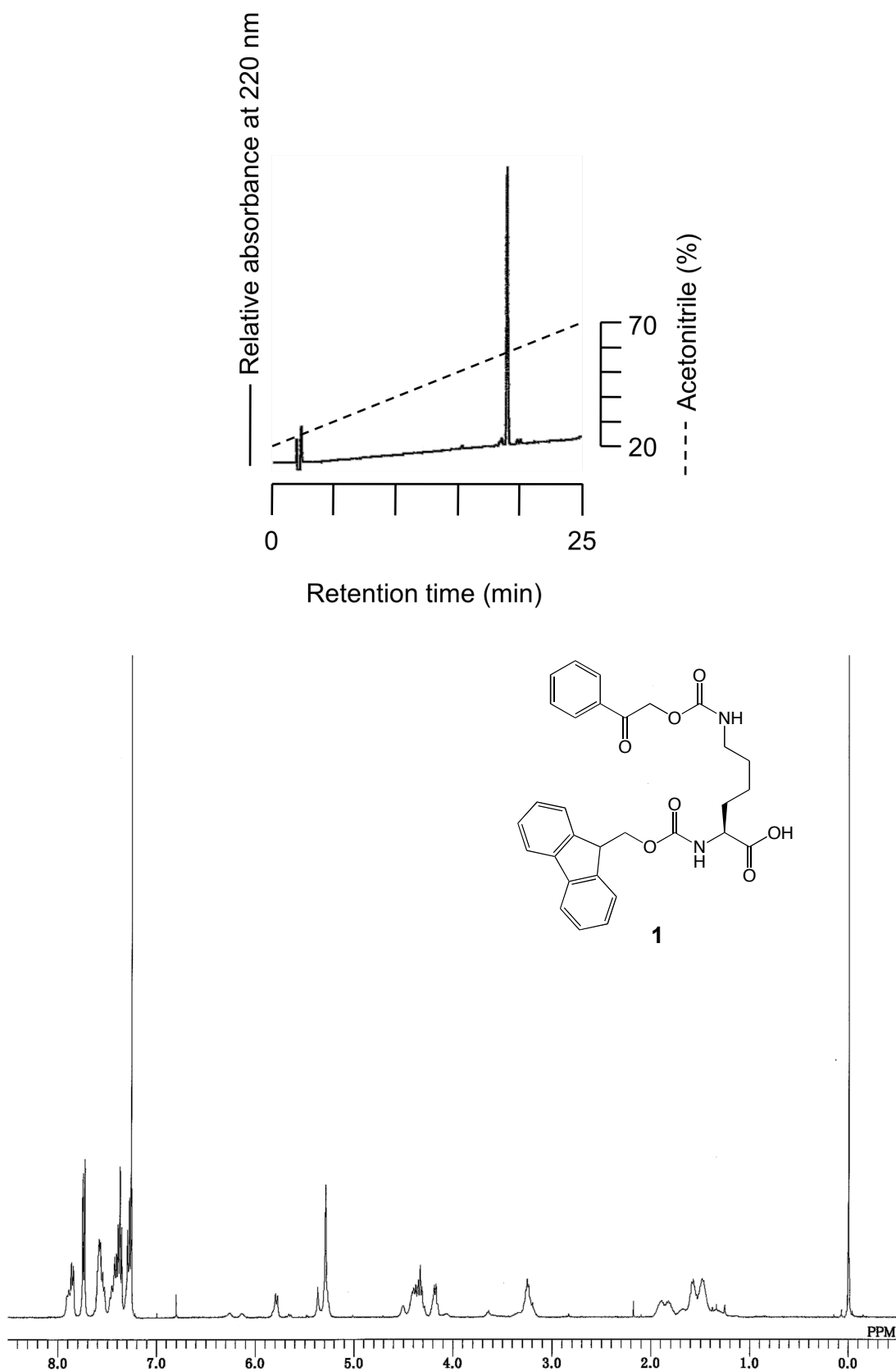
Supplementary Figures



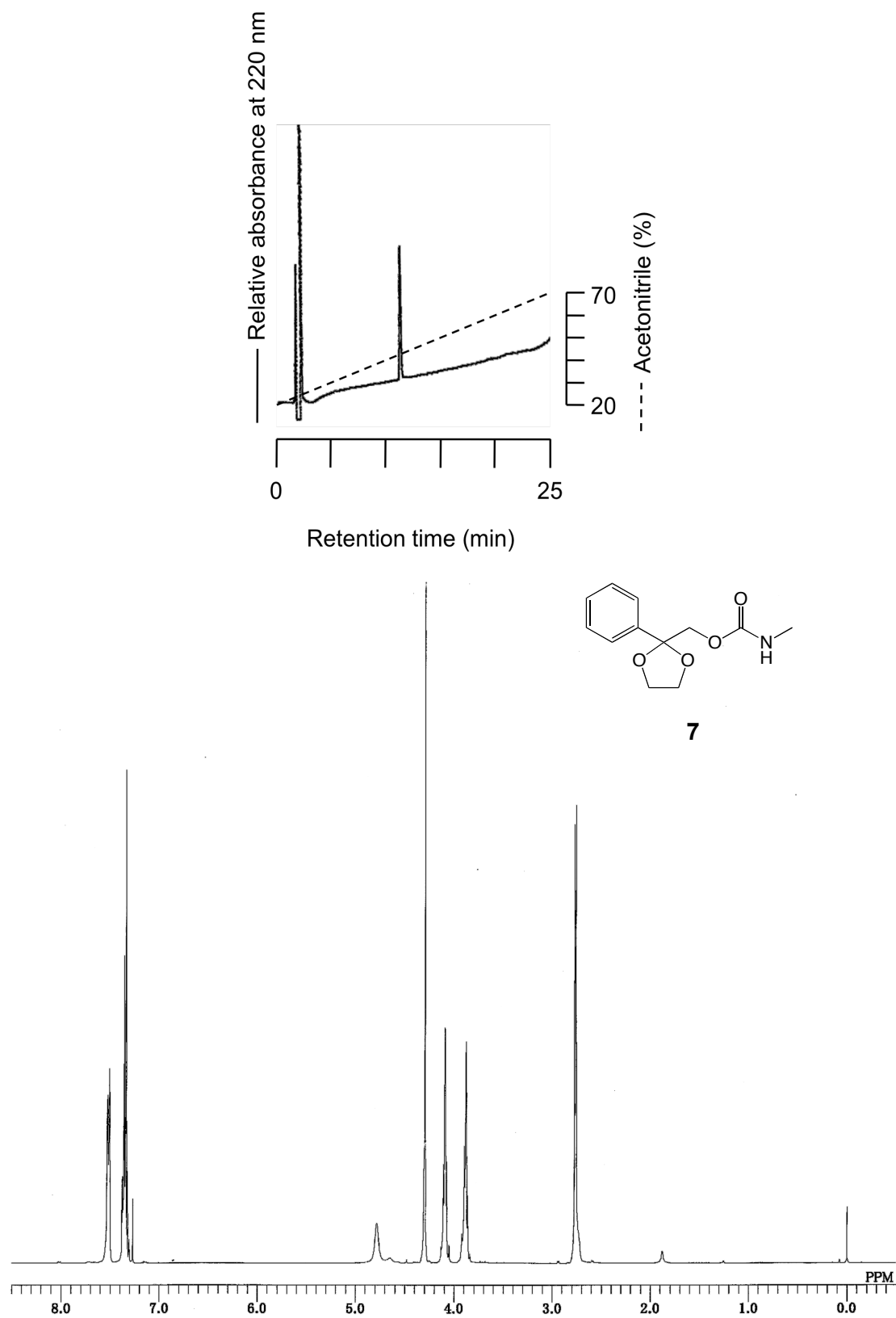
Supplementary Figure S1. RP-HPLC elution profile of crude peptides after the TFA cocktail treatment of H-Ser(Bu^t)-Phe-Lys(Poc)-Tyr(Bu^t)-Glu(OBu^t)-OCH₂-resin, and the chemical structures of peptides **3** and **4**.



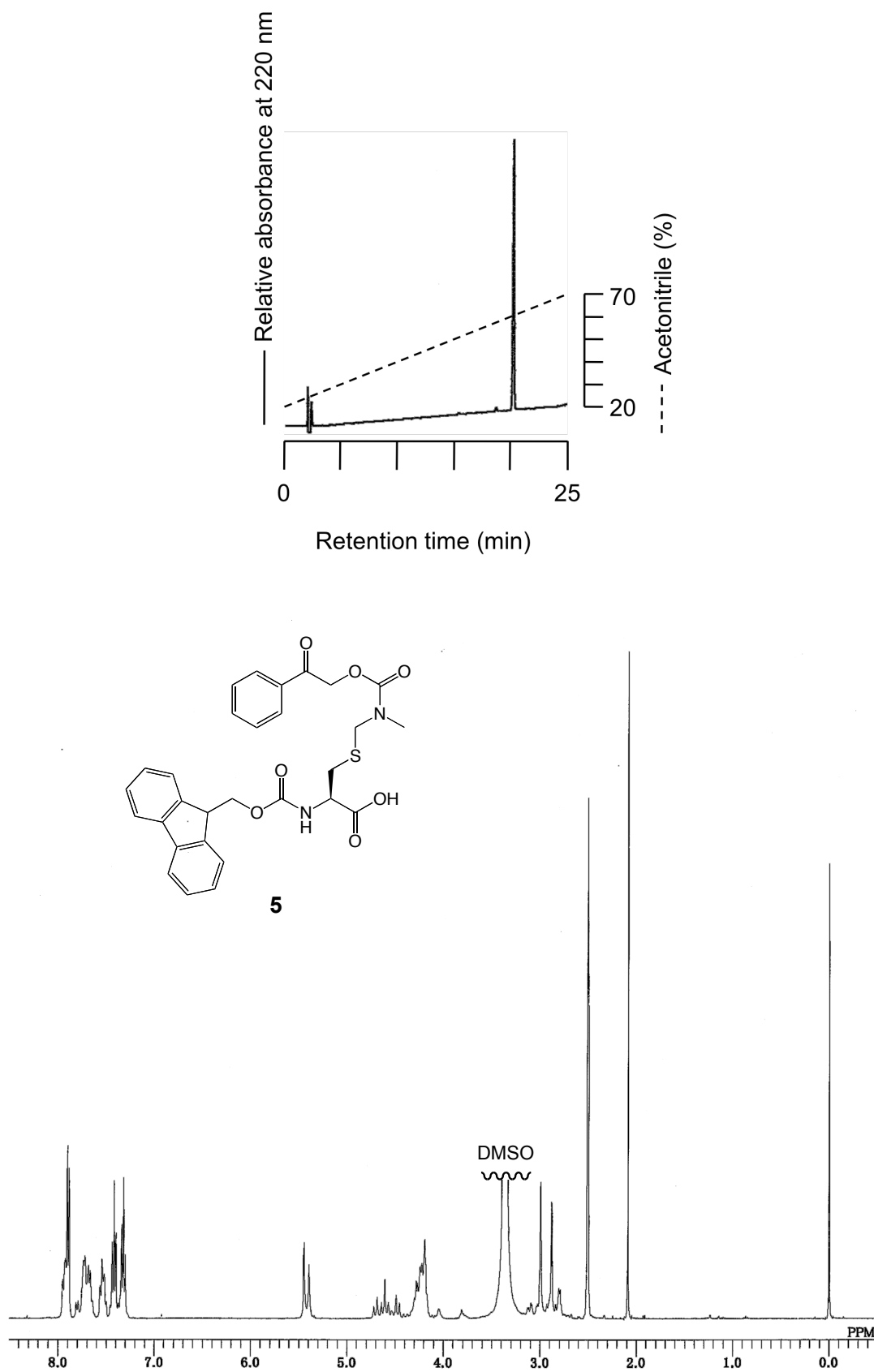
Supplementary Figure S2. RP-HPLC elution profiles of crude peptides after the TFA cocktail treatment. (a) TFA cocktail treatment at room temperature for 2 h. (b) TFA cocktail treatment at 4 °C for 4 h.



Supplementary Figure S3. RP-HPLC elution profile and ¹H-NMR spectrum of compound **1**.
Column, Mightysil RP-18 (4.6φ x 150 mm); flow rate, 1 ml/ min.



Supplementary Figure S4. RP-HPLC elution profile and ¹H-NMR spectrum of compound 7.
Column, Mightysil RP-18 (4.6φ x 150 mm); flow rate, 1 ml/ min.



Supplementary Figure S5. RP-HPLC elution profile and ¹H-NMR spectrum of compound **5**.
Column, Mightysil RP-18 (4.6φ x 150 mm); flow rate, 1 ml/ min.