

**Supporting Information**  
**for**

**Qualitative evaluation of regioselectivity in the formation of di-  
and tri-6-*O*-tritylates of  $\alpha$ -cyclodextrin**

Keisuke Yoshikiyo\*, Yoshihisa Matsui and Tatsuyuki Yamamoto

Address: Faculty of Life and Environmental Science, Shimane University, 1060 Nishikawatsu, Matsue,  
Shimane, 690-8504, Japan

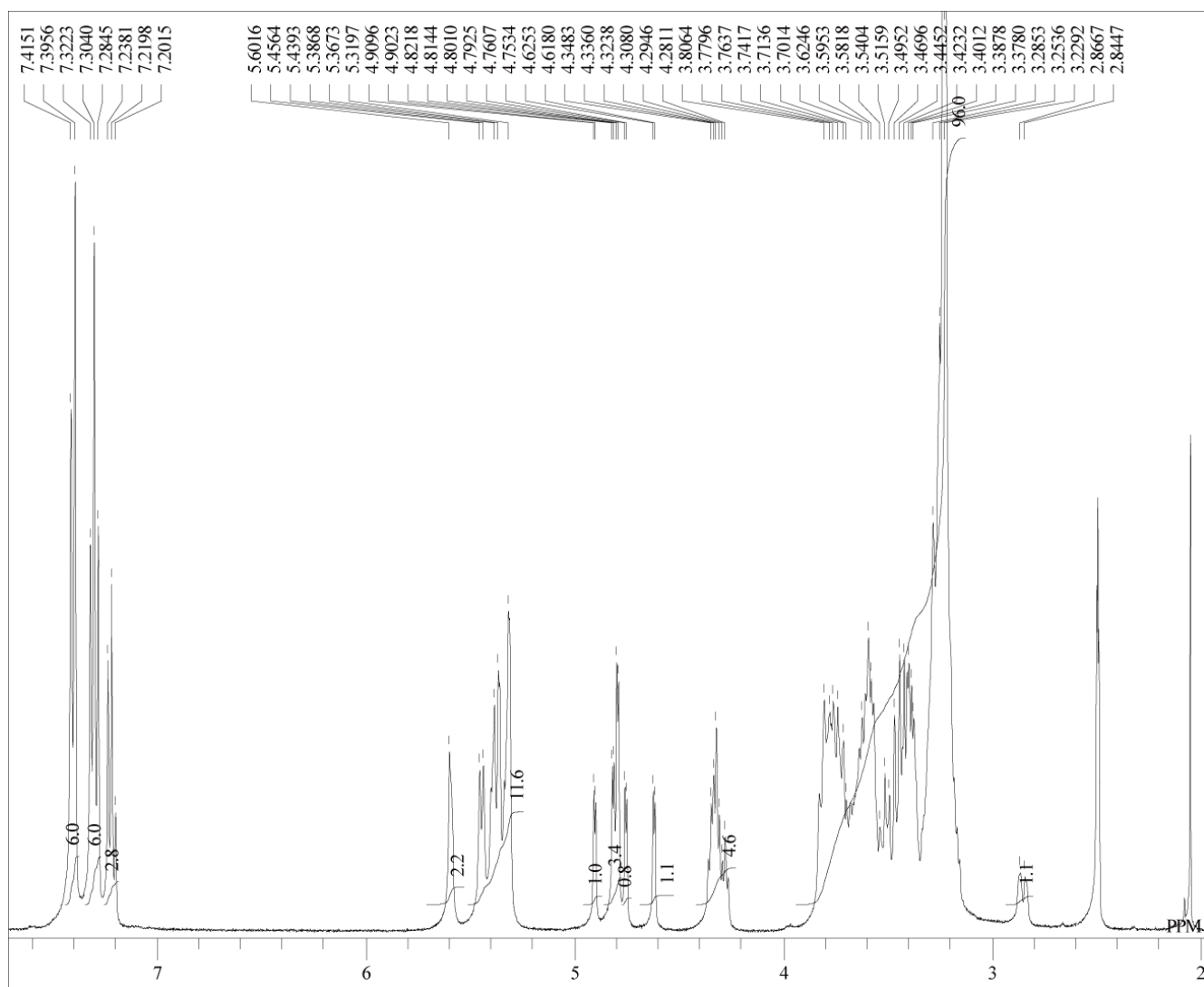
Email: Keisuke Yoshikiyo\* - yoshikiyo@life.shimane-u.ac.jp

\*Corresponding author

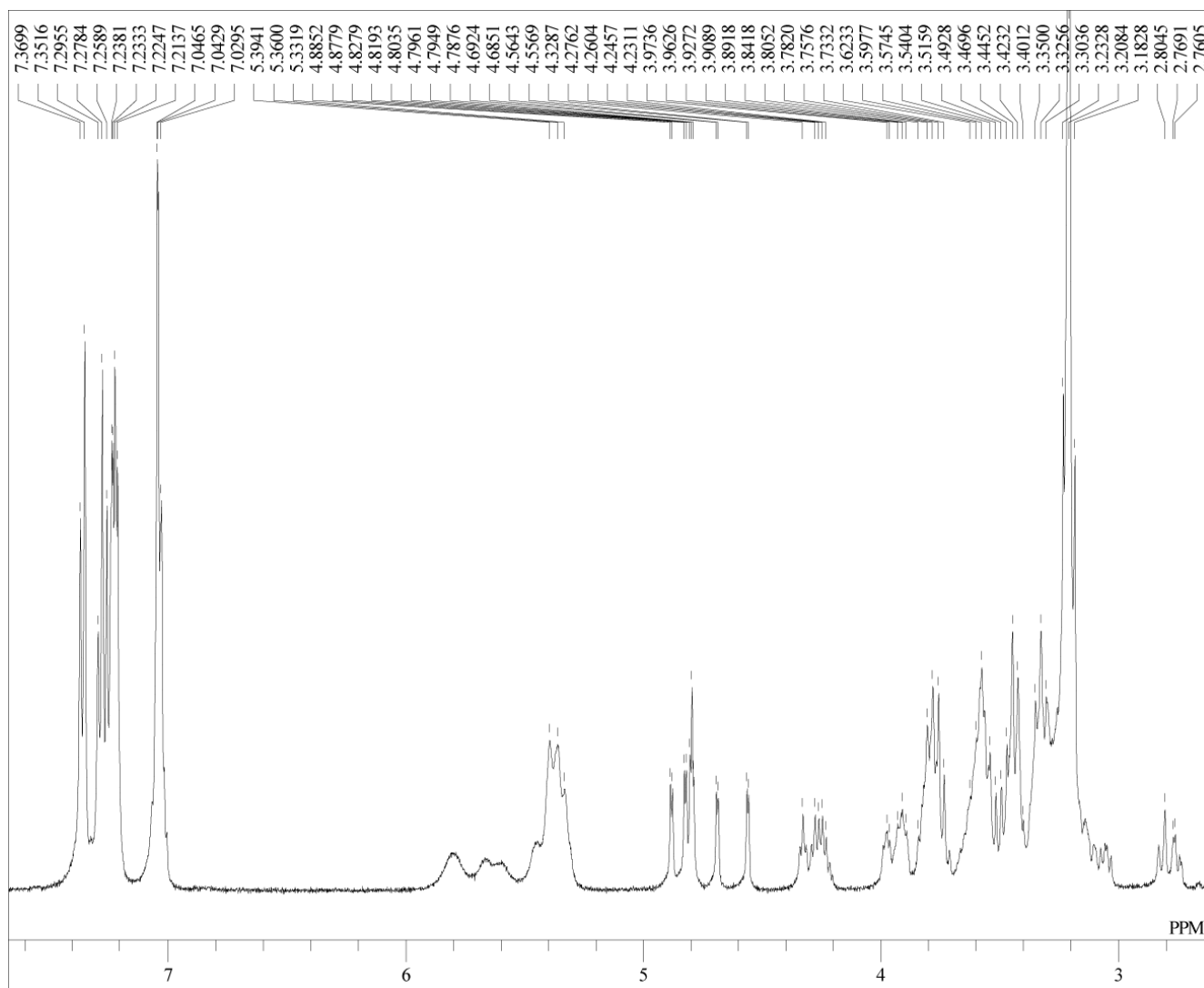
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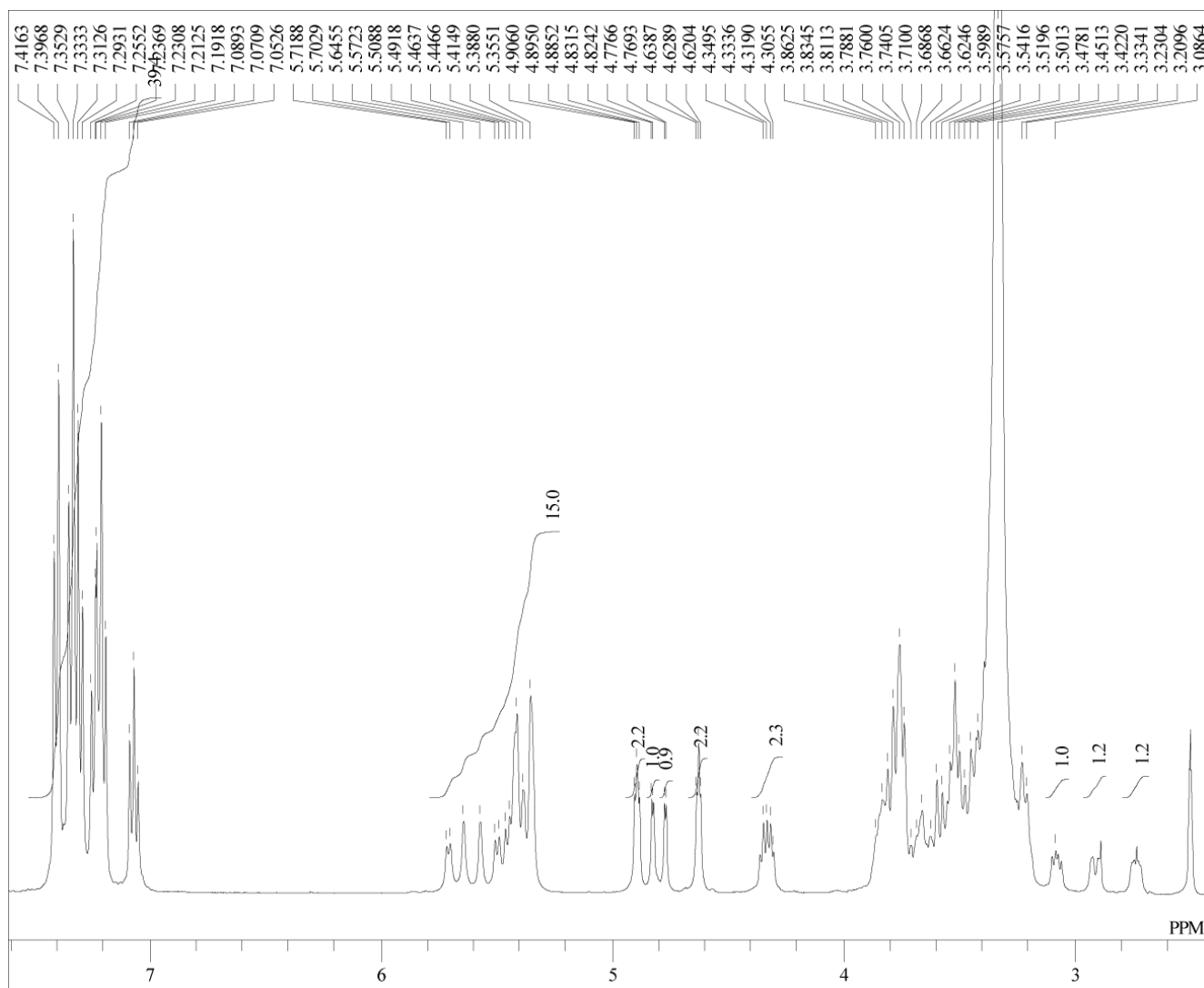
Mono-6-*O*-trityl- $\alpha$ -CD



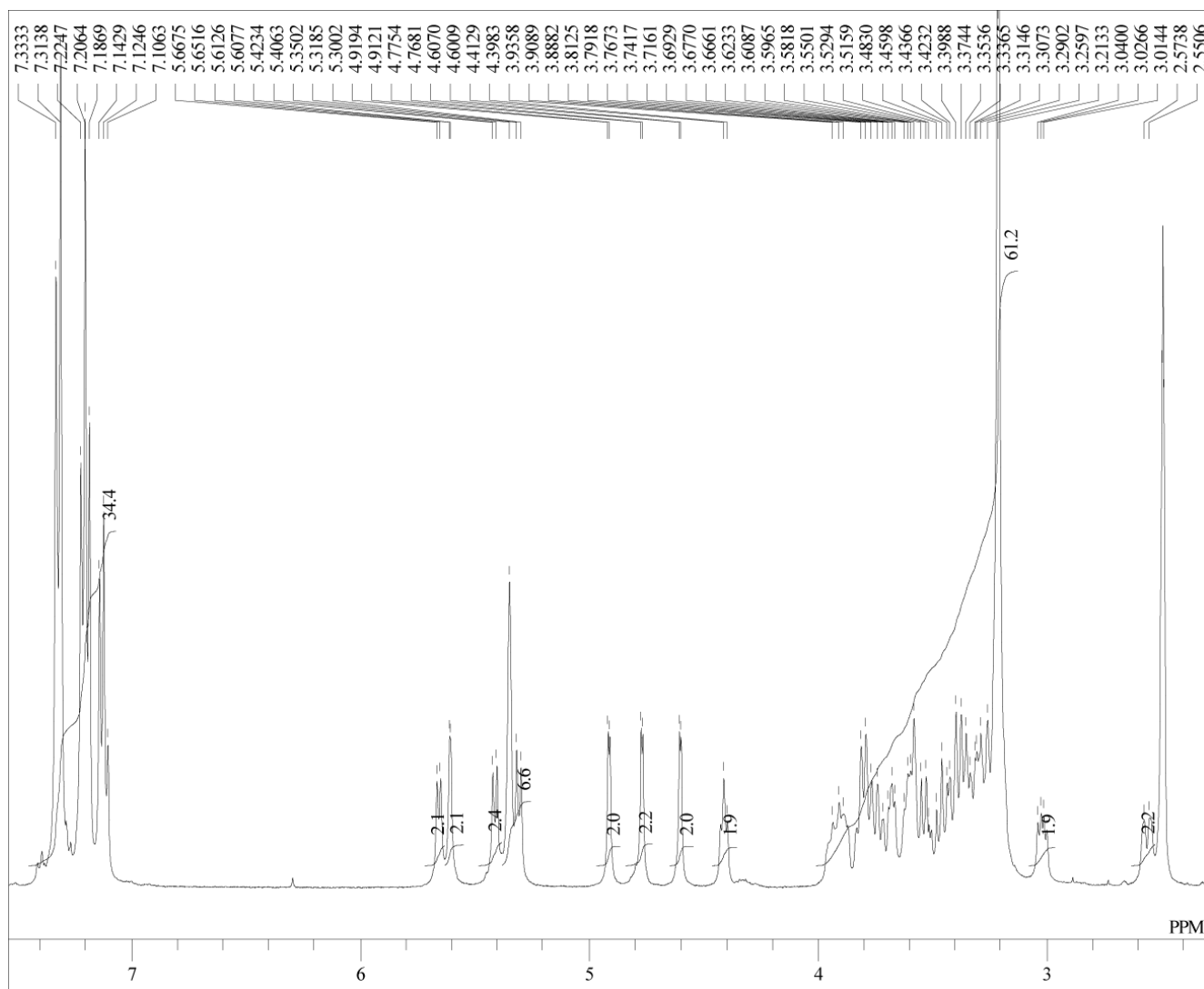
6<sup>A</sup>,6<sup>B</sup>-Di-*O*-trityl- $\alpha$ -CD (AB-isomer)



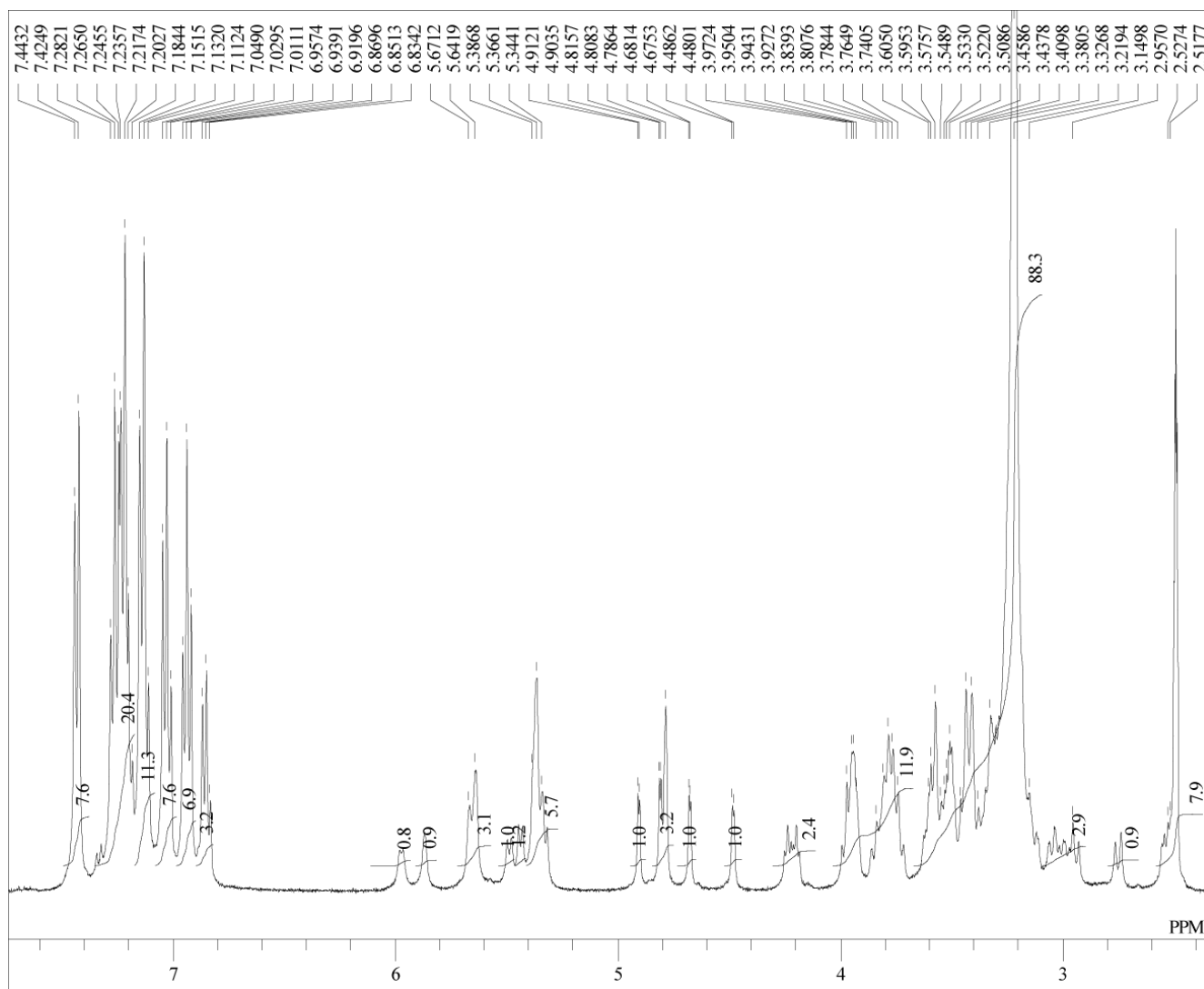
6<sup>A</sup>,6<sup>C</sup>-Di-*O*-trityl- $\alpha$ -CD (AC-isomer)



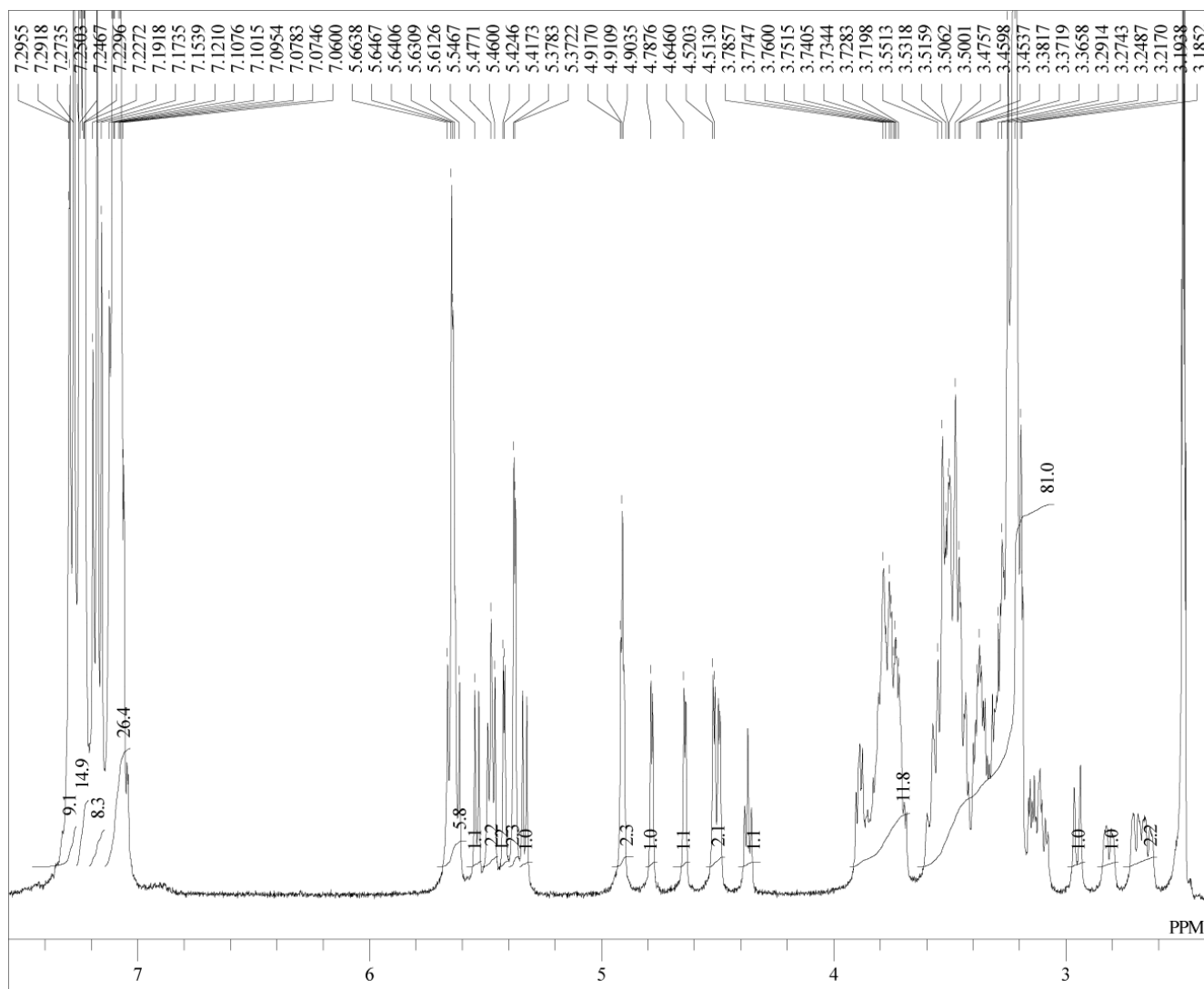
6<sup>A</sup>,6<sup>D</sup>-Di-*O*-trityl- $\alpha$ -CD (AD-isomer)



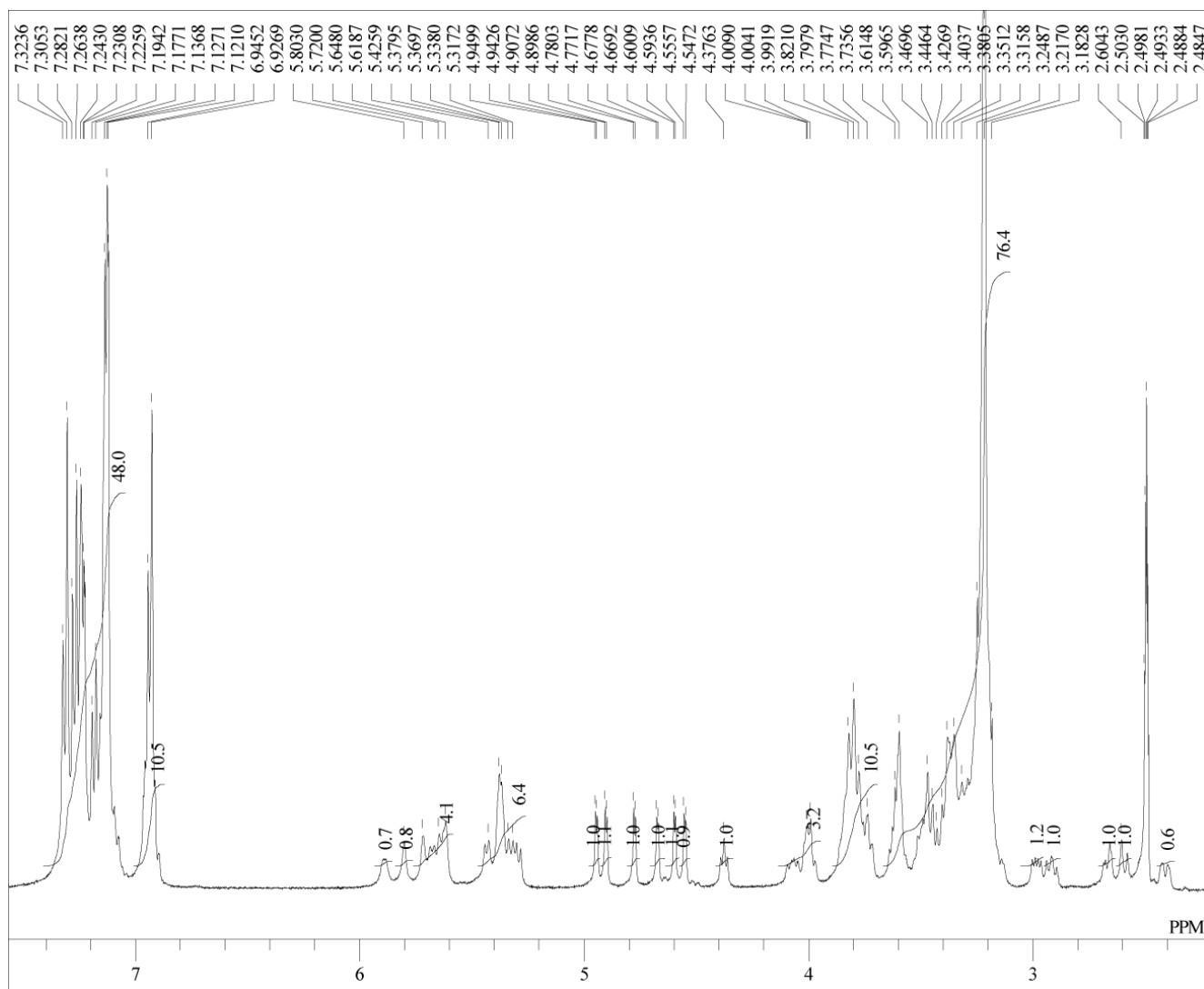
6<sup>A</sup>,6<sup>B</sup>,6<sup>C</sup>-Tri-*O*-trityl- $\alpha$ -CD (ABC-isomer)



6<sup>A</sup>,6<sup>B</sup>,6<sup>D</sup>-Tri-*O*-trityl- $\alpha$ -CD (ABD-isomer)

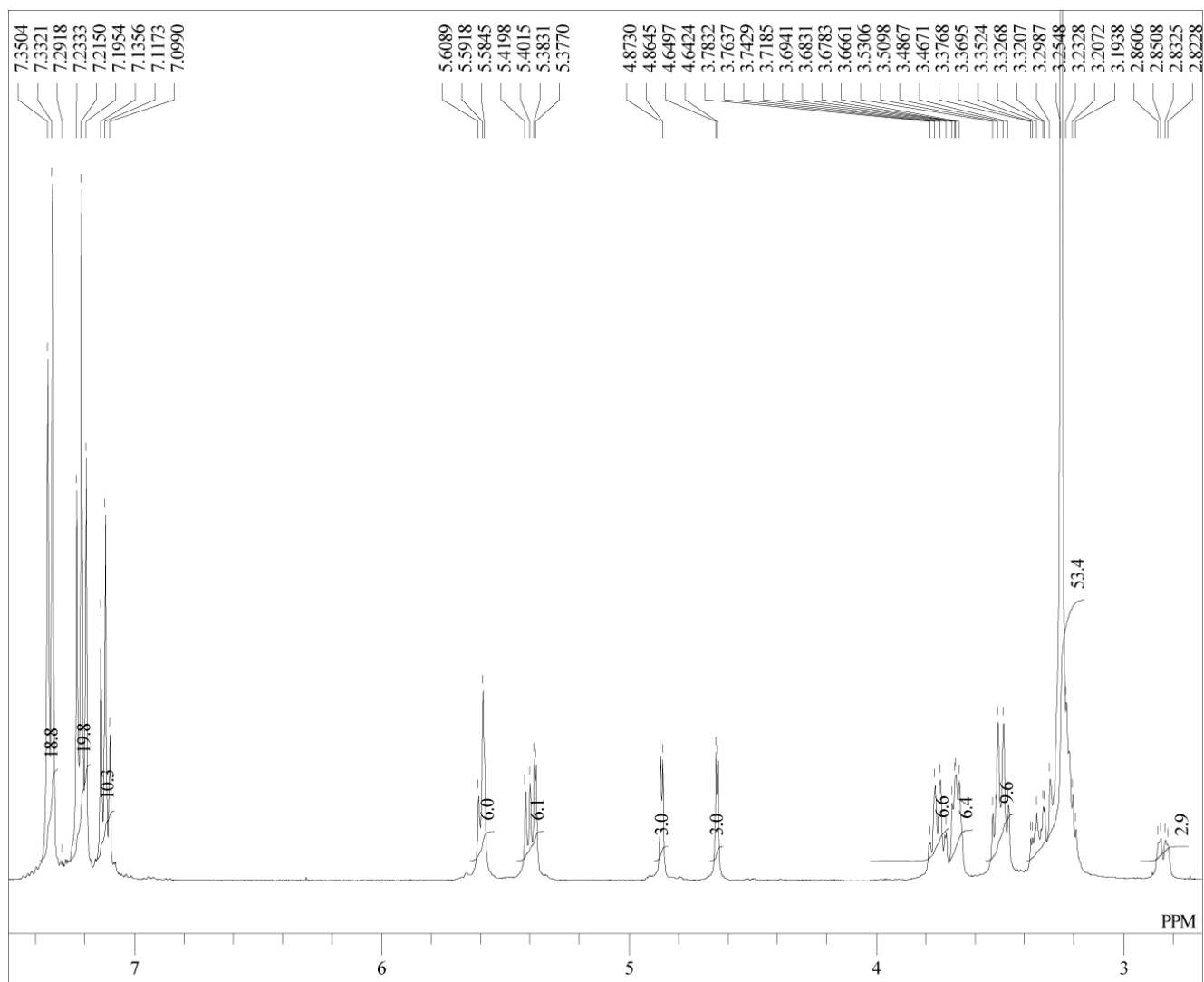


6<sup>A</sup>,6<sup>B</sup>,6<sup>E</sup>-Tri-*O*-trityl- $\alpha$ -CD (ABE-isomer)

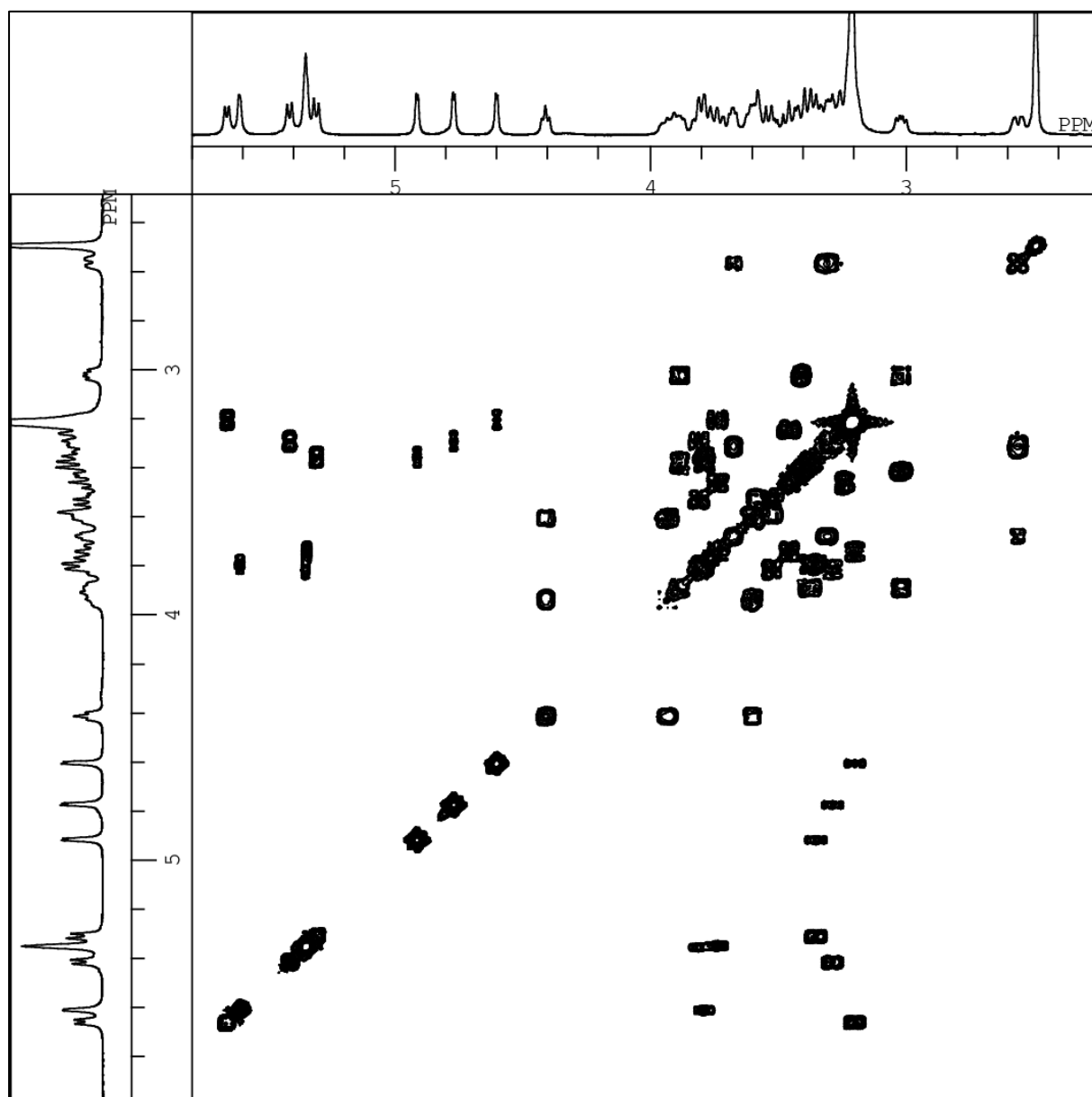




6<sup>A</sup>,6<sup>C</sup>,6<sup>E</sup>-Tri-*O*-trityl- $\alpha$ -CD (ACE-isomer)



2D COSY spectrum of the AD-isomer in DMSO- $d_6$  at 50 °C.



2D TOCSY spectrum of the A,D-isomer in DMSO- $d_6$  at 50 °C.

