

6-O-スルホニル化シクロデキストリンと3-O-スルホニル化シクロデキストリンとの位置化学的相関

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Regiochemical Correlation between 6-O-Sulfonylated Cyclodextrins and 3-O-Sulfonylated Cyclodextrins via 3,6-Anhydrocyclodextrins

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ABSTRACT (3R)-2,3-Anhydrocyclodextrins which were prepared from 3-O-sulfonylcyclodextrins were treated with aqueous alkali to give 3,6-anhydrocyclodextrins, which were prepared by the reaction of 6-O-sulfonylcyclodextrins with aqueous alkali. This regiochemical correlation was applicable to regioisomer determination of 3-O-disulfonylcyclodextrins on the basis of the regiochemistry of 6-O-disulfonates.

抄録 3-O-スルホニル化シクロデキストリン及び6-O-スルホニル化シクロデキストリンは共にアルカリ処理によって選択的に3,6-アノヒドロシクロデキストリンに導かれるから、両者の位置化学的相関が明らかに出来る。

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