

High performance of alone C-glycosyl chromone towards cosmetology

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Isolation and determination of structure of acacetin-7-*O*- β -D-galactopyranoside, a natural flavonoid isolated from flower heads of *Chrysanthemum morifolium*, has been reported in 1994. We achieved the total synthesis of compound acacetin-7-*O*- β -D-galactopyranoside by employing a one-pot synthesis of the aglycon. The key reactions in this approach include the modified Baker-Venkataraman reaction and regio- and stereoselective *O*-glycosylation. Furthermore, we synthesized 3-feruloyl- γ -quinide and examined the glycosidation using 1-fluoro sugar.