

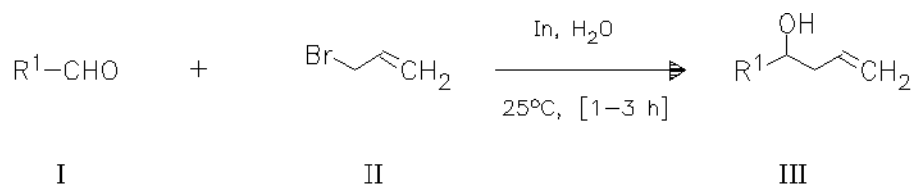
alkylation, arylation, dealkylation, dearylation, C-acylation, olefination

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
30 - 098

Organometallic Reactions in Aqueous Media with Indium.


Allylation of the aldehydes (I) and ketones (IV) with allyl bromide (II) using indium metal without any promoter proceeds smoothly to give the products (III) and (V). The reaction is extended to the 2-bromomethyl acrylate (VI), yielding the hydroxyalkylacrylates (VII). — (LI, C. J.; CHAN, T. H.; *Tetrahedron Lett.* 32 (1991) 48, 7017-7020; Dep. Chem., McGill Univ., Montreal, Quebec, Can. H3A 2K6; EN)

a R¹: -Ph

a 97%

b R¹: 

b 85%

c R¹: 

c 90%

d R¹: -(CH₂)₄-OH

d 95%

