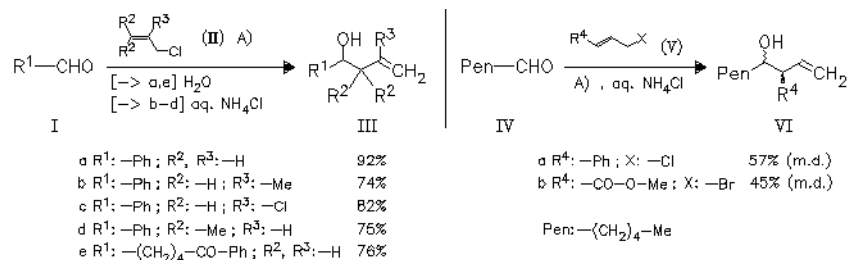


alcohols (benzene compounds)

Q 0230

44 - 084

Synthesis of Homoallylic (But-3-enylic) Alcohols from Aldehydes with Allylic Chlorides, Tin(II) Chloride and Potassium Iodide in Water. — The title alcohols, e.g. (III) and (VI), are prepared by reductive, Barbier-type allylation of aldehydes such as (I) and (IV). — (HOULLEMARE, D.; OUTURQUIN, F.; PAULMIER, C.; J. Chem. Soc., Perkin Trans. 1 (1997) 11, 1629-1632; Lab. Synth. Heteroorg., Inst. Rech. Chim. Org. Fine, Univ. Rouen, F- 76821 Mont-Saint-Aignan, Fr.; EN)

A): KI, SnCl₂·2H₂O, 35°C