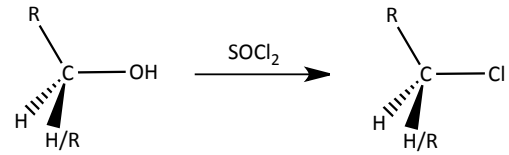
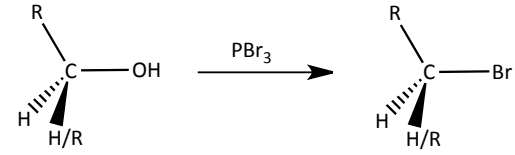


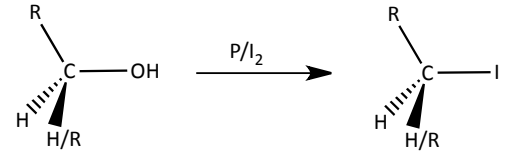
Tertiary alcohol



Primary or Secondary alcohol

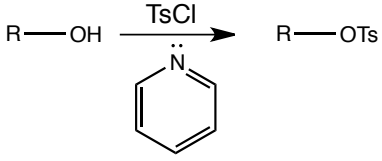


Primary or Secondary alcohol



Primary or Secondary alcohol

Alcohol	Bromide	Chloride	Iodide
Tertiary	HBr	HCl or $HCl/ZnCl_2$ (Lucas Reagent)	HI
Secondary	PBr_3	$SOCl_2$	P/I_2
Primary	PBr_3	$SOCl_2$	P/I_2



Pyridine