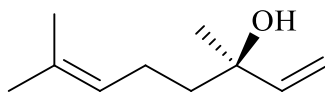


- The structure of (-)-linalool, a commonly occurring natural product, is shown below.



Give the structural formula of the organic product formed from (-)-linalool in each of the following reactions. NB: If there is no reaction, write "no reaction".

Marks
2

Reagents / Conditions	Structural Formula of Product
$\text{Na}_2\text{Cr}_2\text{O}_7$ in aqueous acid	no reaction
Na, then CH_3Br	<chem>CC(=C)CC[C@H](OC)CC=C</chem>