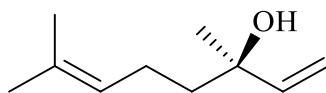


- The structure of (–)-linalool, a commonly occurring natural product, is shown below.

**Marks**
2

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

Reagents / Conditions	Constitutional Formula of Product
$\text{Na}_2\text{Cr}_2\text{O}_7$ in aqueous acid	
Na, then CH_3Br	