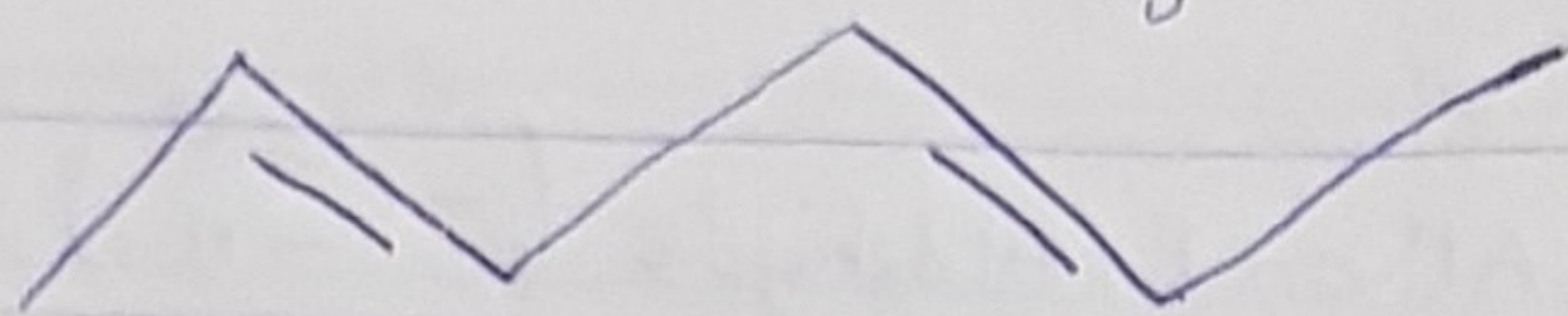


$$[\alpha]_{\lambda}^{20} = +11.0^{\circ}$$

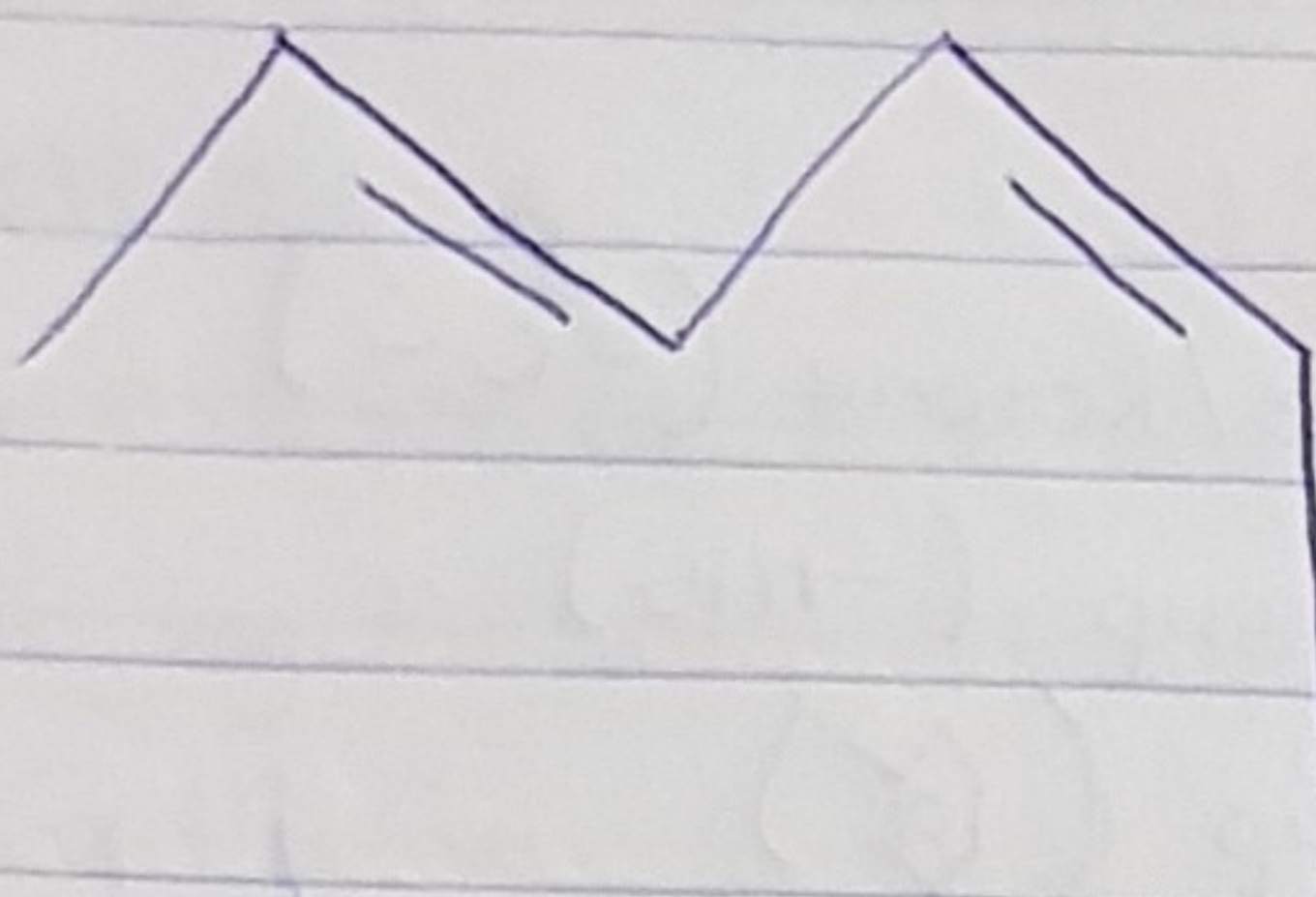
$$0.0866 \times l$$

$$[\alpha]_{\lambda}^T = +11.6^{\circ}$$

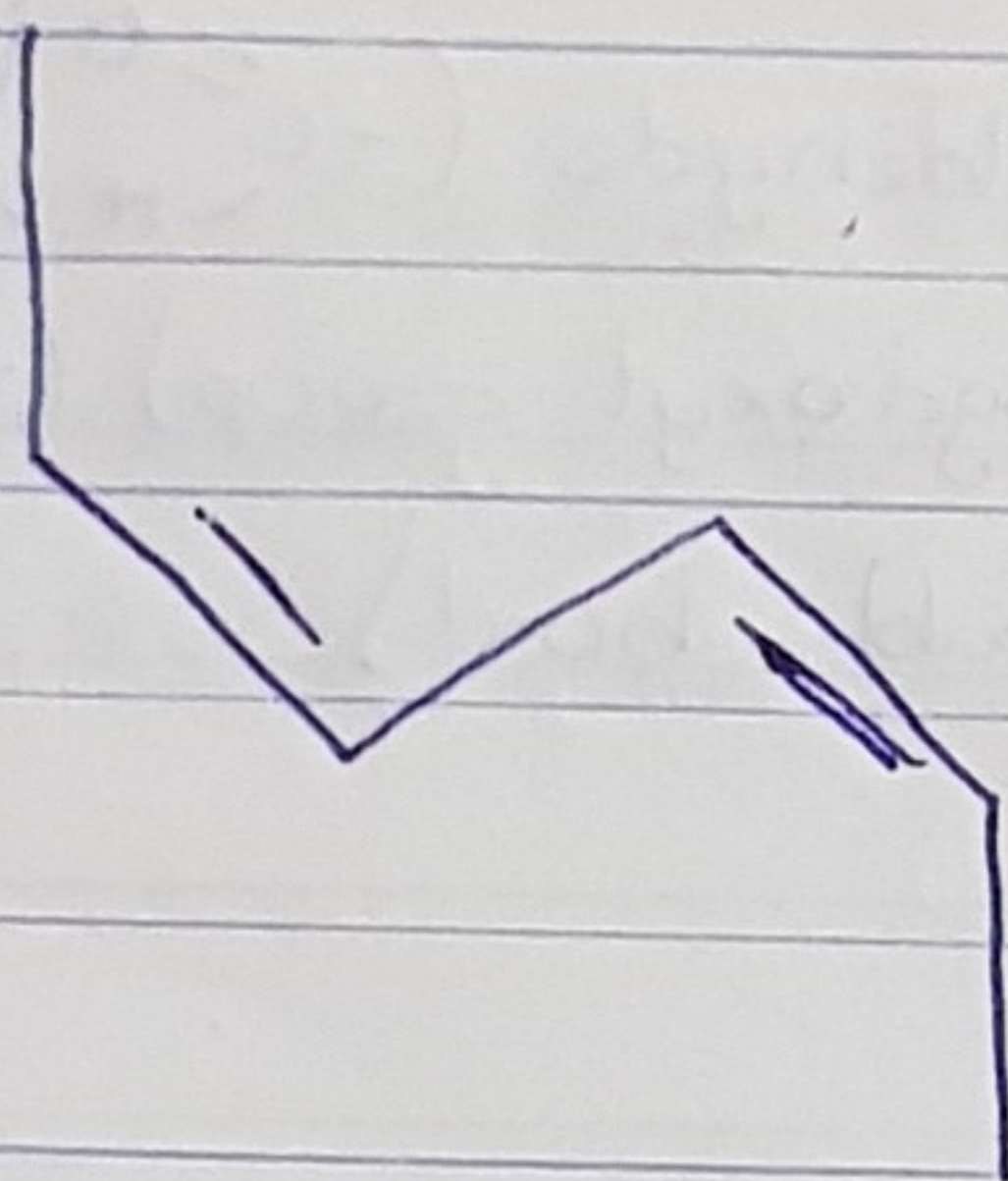
3i Hexa-2,4-diene has 3 geometric isomers.



(2E,4E)-hexa-2,4-diene



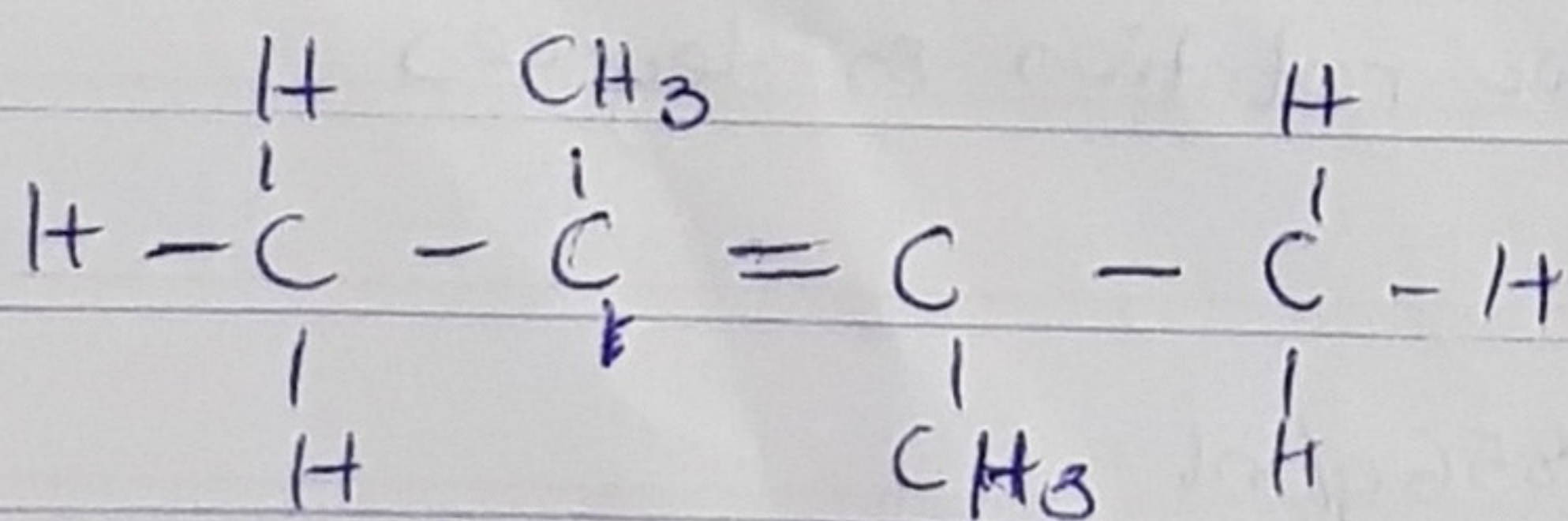
(2E,4Z)-hexa-2,4-diene.



(2Z,4Z)-hexa-2,4-diene.

ii 2,3-dimethyl but-2-ene.

This compound does not contain two different atoms or groups on the doubly bonded atom instead it has only methyl (CH_3) group present. therefore, it does not have any geometric isomer



NO GEOMETRIC ISOMER.