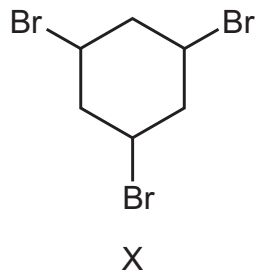


32 The diagram shows the structure of compound X.



X undergoes hydrolysis to form product Y in which all of the bromine atoms are replaced by hydroxyl groups. Product Z is formed by oxidation of Y.

Two suggestions are listed.

- 1 Y is a secondary alcohol.
- 2 Z is a ketone.

Which suggestions are correct?

- A both 1 and 2
- B 1 only
- C 2 only
- D neither 1 nor 2