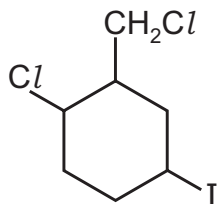


30 Compound X, $C_7H_{11}ICl_2$, is dissolved in ethanol and the solution mixed with warm aqueous silver nitrate.

A precipitate is seen immediately.

compound X



What is the colour of this precipitate and what is the structural formula of the **first** organic product?

	colour of the precipitate	structural formula of the first organic product
A	cream	<p>Chemical structure of the first organic product for option A: A cyclohexane ring with HO groups at the 1 and 3 positions, and a CH_2Cl group at the 4 position.</p>
B	cream	<p>Chemical structure of the first organic product for option B: A cyclohexane ring with HO groups at the 1 and 3 positions, and a CH_2OH group at the 4 position.</p>
C	white	<p>Chemical structure of the first organic product for option C: A cyclohexane ring with HO groups at the 1 and 3 positions, and an I atom at the 4 position.</p>
D	yellow	<p>Chemical structure of the first organic product for option D: A cyclohexane ring with HO groups at the 1 and 3 positions, a Cl atom at the 2 position, and a CH_2Cl group at the 4 position.</p>