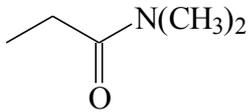
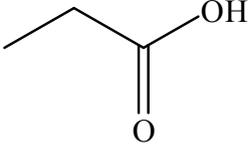
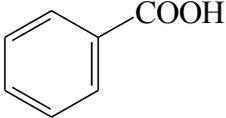
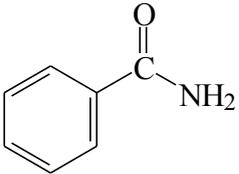
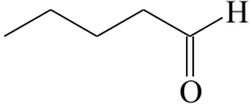
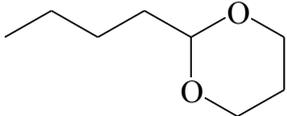
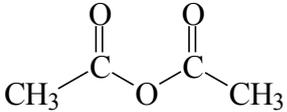
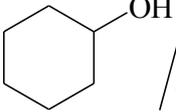
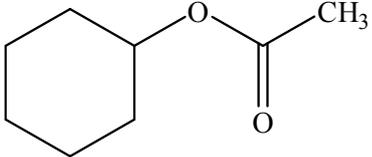


Marks
13
1

- Complete the following table. Make sure you complete the name of the starting material where indicated.

STARTING MATERIAL NAME (where required)	REAGENTS/ CONDITIONS	CONSTITUTIONAL FORMULA(S) OF MAJOR ORGANIC PRODUCT(S)
	conc. HCl / heat	 + $(\text{CH}_3)_2\text{NH}^+\text{Cl}^-$
	1. SOCl₂ / heat 2. excess NH₃	
 Name: pentanal	HOCH₂CH₂CH₂OH H₂SO₄ (catalyst) heat	
	 / H^+ catalyst	 + CH ₃ COOH