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| **ADDITION**  **POLYMER** |

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| **ALDEHYDE** |

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| **KETONE** |

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| **SECONDARY ALCOHOL** |

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| **PRIMARY ALCOHOL** |

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| **TERTIARY ALCOHOL** |

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| **ESTER** |

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| **CARBOXYLIC ACID** |

**Reaction pathways**

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| **AMIDE** |

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| **NITRILE** |

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| **AMINE** |

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| **DIHALOALKANE** |

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| **HALOALKANE** |

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| **ALCOHOL** |

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| **CO2 and H2O** |

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| **ALKENE** |

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| **ALKANE** |