

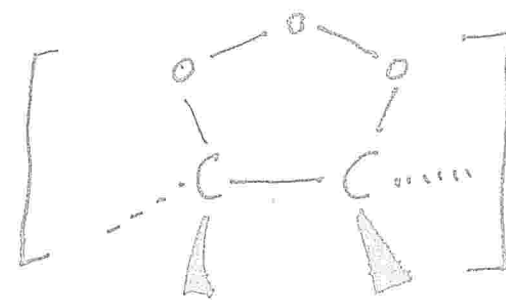
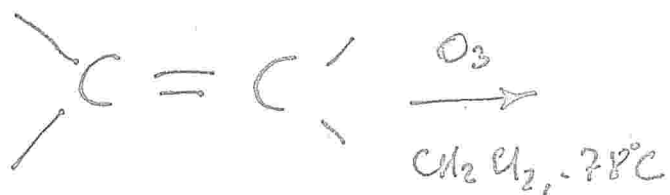
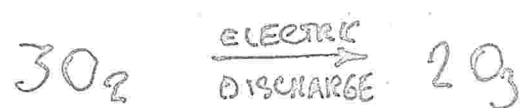
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20161031

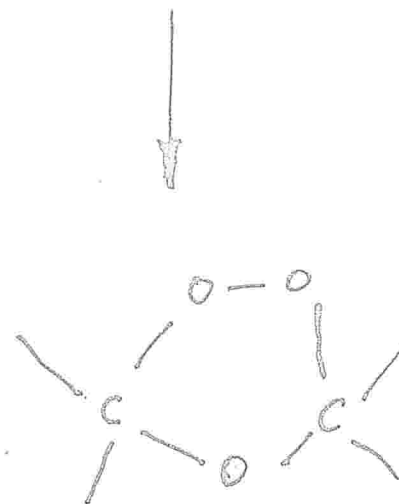
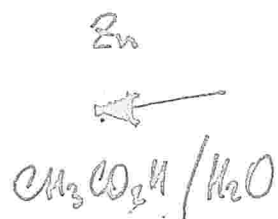
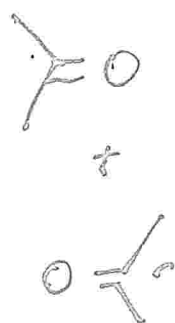
CONCERTED  
OXIDATIVE ADDITIONS &  
CLEAVAGE

REVIEW

EPoxidATION	MCPBA
Dihydroxylation	$\text{OsO}_4$ / NMO



MOLOZONIDE



## PERIODATE CLEAVAGE OF DIOLS

PERIODIC ACID OXIDATIVELY CLEAVES

1,2-DIOLS TO KETONES AND /OR ALDEHYDES:

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DIHYDROXYLATION /PERIODATE CLEAVAGE

AND OZONOLYSIS /REDUCTIVE WORKUP

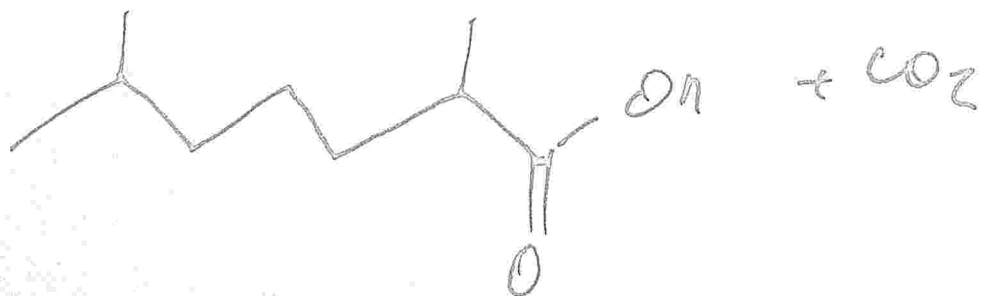
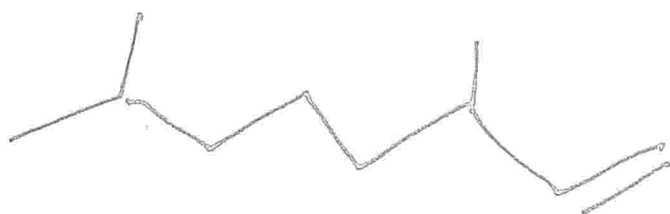
ARE "SYNTHETICALLY EQUIVALENT".

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POTASSIUM PERMANGANATE YIELDS KETONES

AND /OR CARBOXYLIC ACIDS FROM

ALKENES



CAM 151

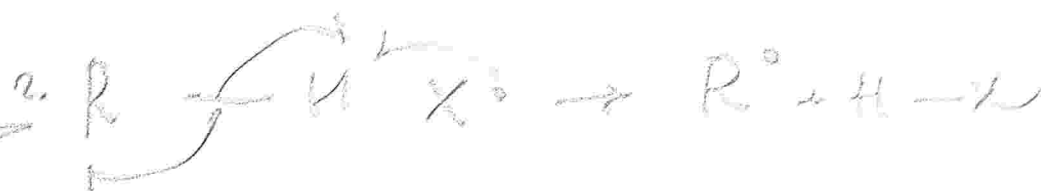
20161031

ALCOX HALIDES

MECHANISM: RADICAL HALOGENATION



INITIATION



PROPAGATION



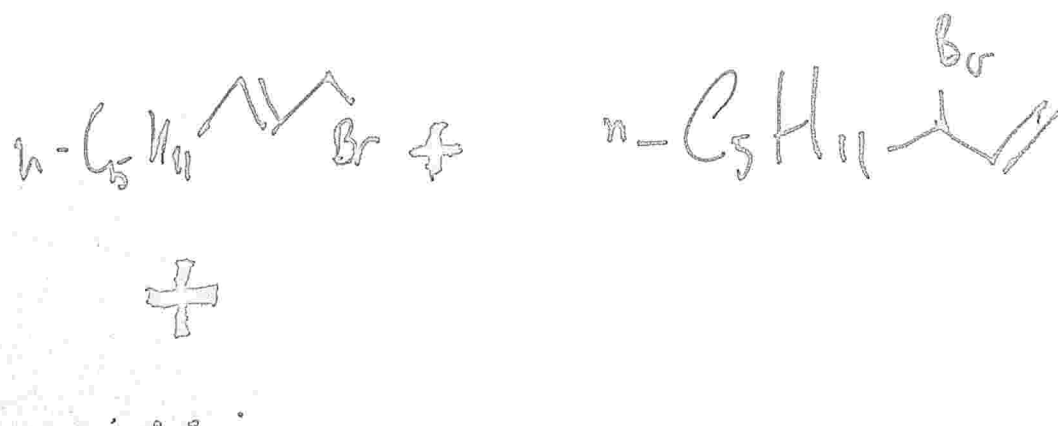
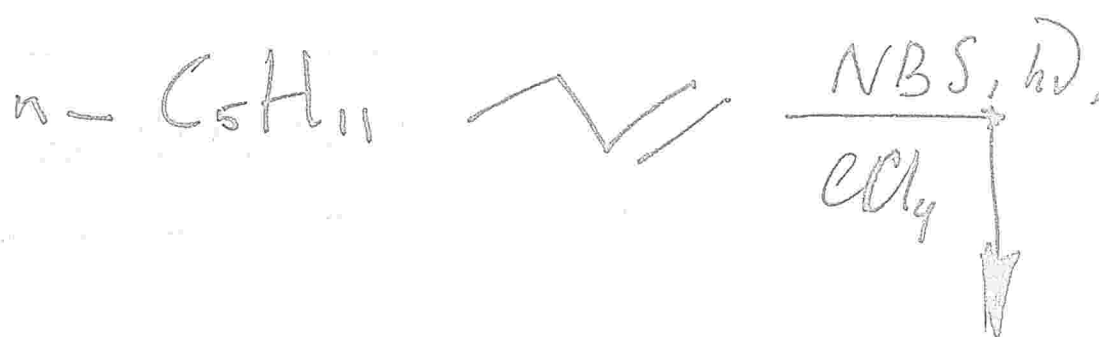
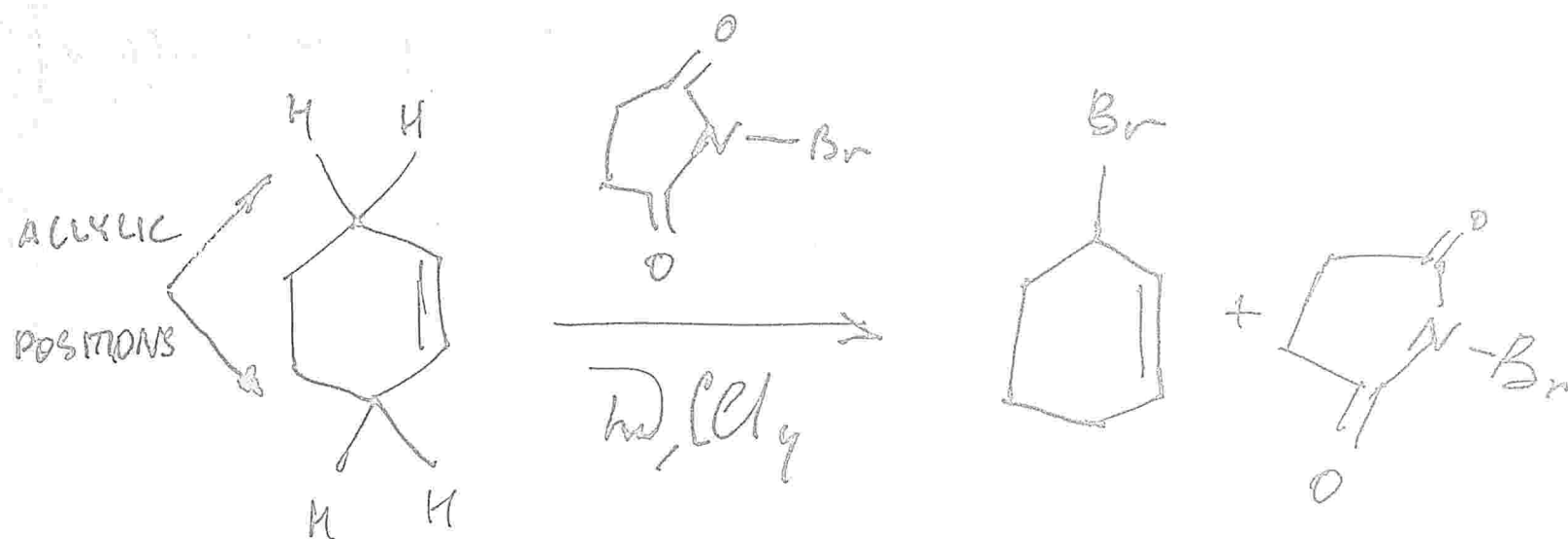
TERMINATION



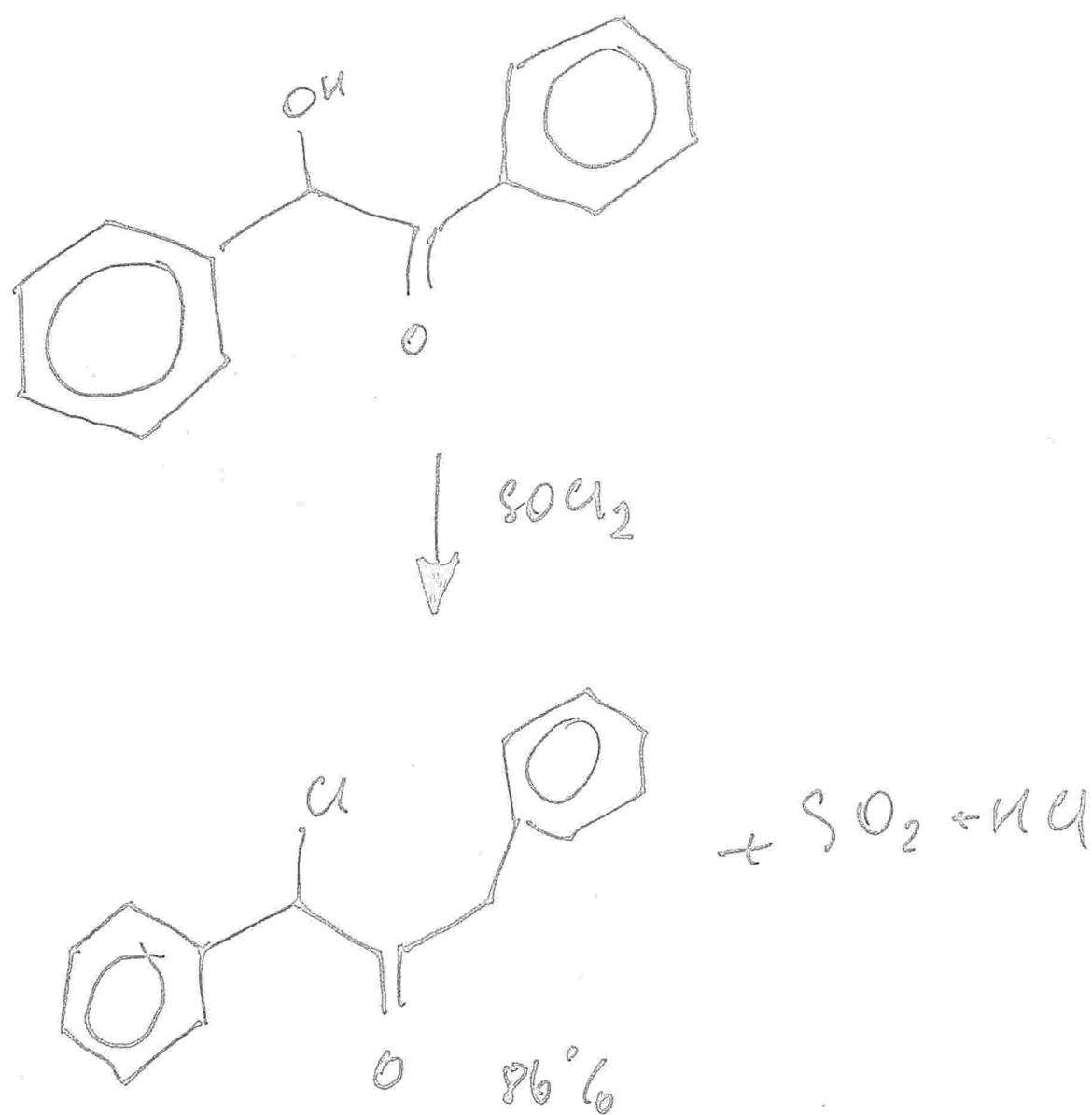
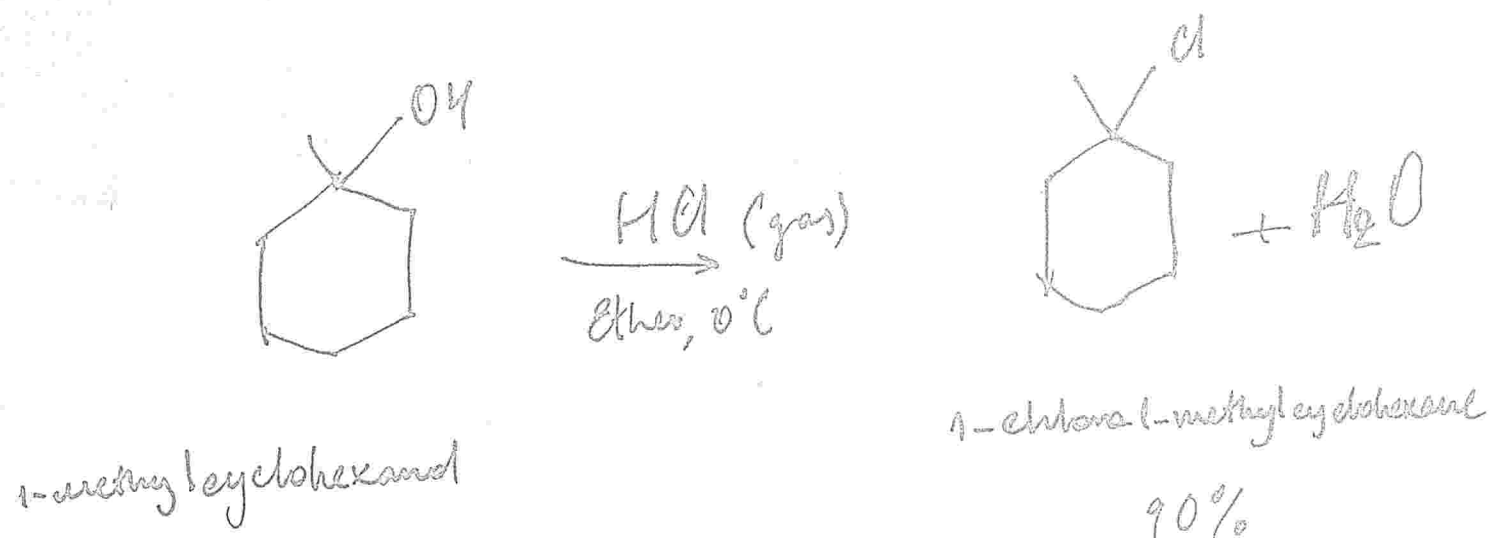
# SELECTIVITY OF RADICAL CHLORINATION



## ALLYLIC BROMINATION



# PREPARING ALKYL HALIDES FROM ALCOHOLS



# STABILIZATION OF ALLYLIC/BENZYLIC RADICALS / CARBOCATIONS

