

The Radicals: Marco Montecchia Fai Lab Heather Kalamian W-lab

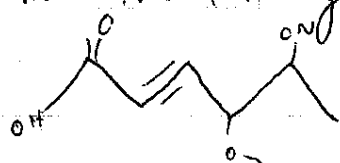
Anthony Kayat W-lab

Stacy Garced W-lab

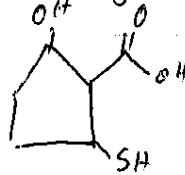
Peter Ngo W-lab
Andrew Kattunay M-lab

Name the following:

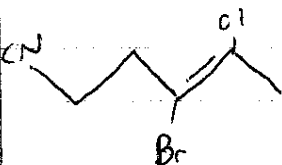
1)



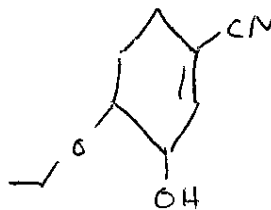
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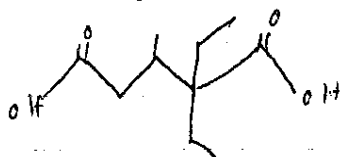
3)



4)



5)



Draw the following:

1) 2-Isopropyl-4-propyl cyclopentanecarbonitrile

2) 2-Iodo ethanoic acid

3) 2-Cyano-3-ethoxy-5-hydroxy-4-mercapto hexanoic acid

4) 3-Cyano-4-mercapto-1-cyclopentene carboxylic acid

5) 3,4-Epoxy-2-methyl pentane nitrile

Prepare the following:

1) Acetic acid and propanoic acid from 1-pentene

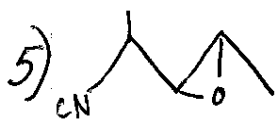
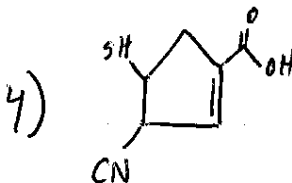
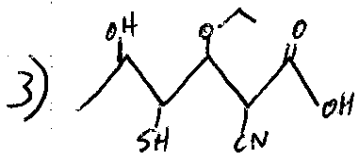
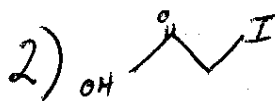
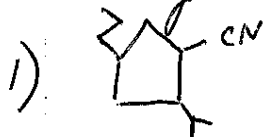
2) Butanol from propene

3) 2-hydroxy-2-methylbutanoic acid from 2-butanol

5 Naming Answers:

- 1) 5-Cyano-4-methoxy-2-hexynoic acid
- 2) 2-Hydroxy-5-mercaptopentanoic acid
- 3) (E)-4-Bromo-5-Chlorohexanenitrile
- 4) 4-Ethoxy-3-hydroxycyclohexanecarbonitrile
- 5) 2,2-Dimethyl-3-methylpentanedioic acid

5 Drawing Answers:



Prepare answers:

