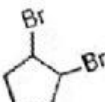


WATCH VIDEO:

QUESTION: Outline the synthetic pathway for formation of 1,2-dibromocyclopentane from bromocyclopentane

→

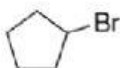
Drag these to appropriate box:



1,2-dibromocyclopentane



cyclopentene

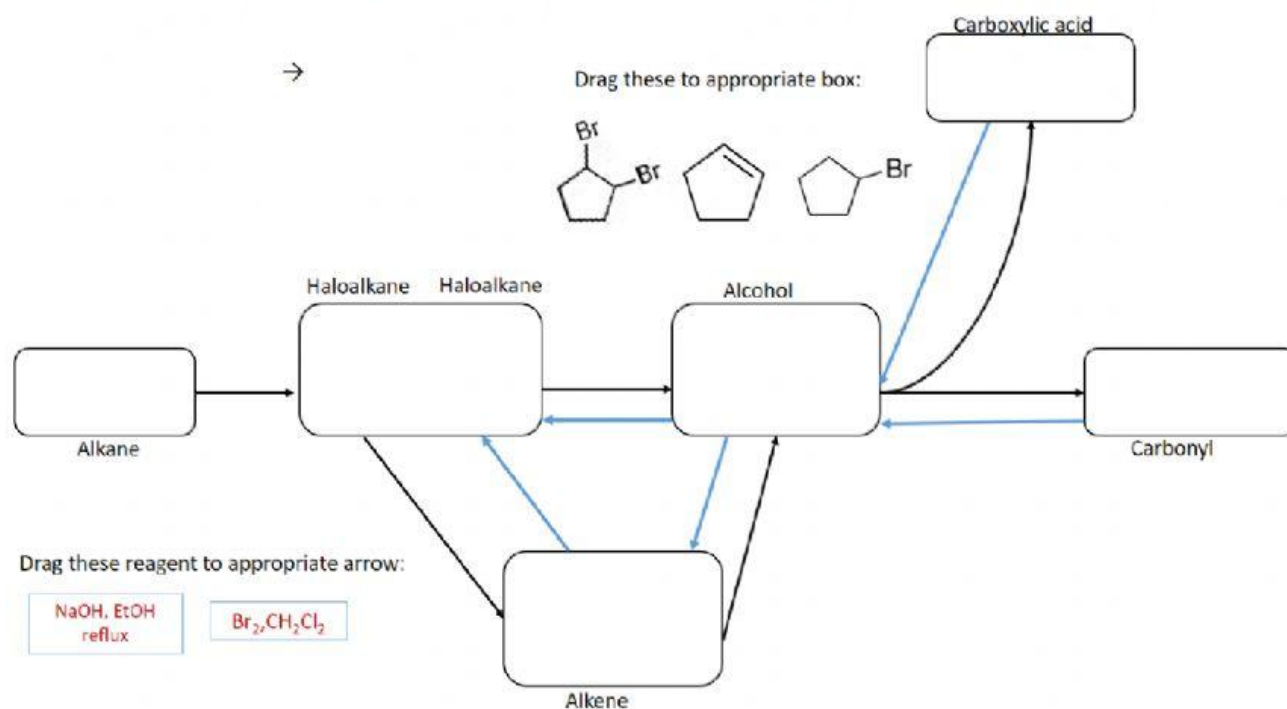


bromocyclopentane

Drag these reagent to appropriate arrow:

NaOH, EtOH
reflux

$\text{Br}_2, \text{CH}_2\text{Cl}_2$



```

graph LR
    Alkane[Alkane] --> Haloalkane1[Haloalkane]
    Haloalkane1 --> Alcohol[Alcohol]
    Alcohol --> Haloalkane2[Haloalkane]
    Alcohol --> Carboxylic acid[Carboxylic acid]
    Alcohol --> Carbonyl[Carbonyl]
    Carbonyl --> Alcohol
    Alcohol --> Alkene[Alkene]
    Alkene --> Haloalkane1
    Haloalkane1 --> Haloalkane2
  
```