



CHEMISTRY

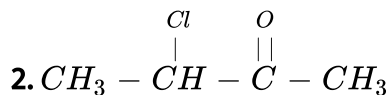
BOOKS - GR BATHLA & SONS CHEMISTRY (HINGLISH)

NOMENCLATURE

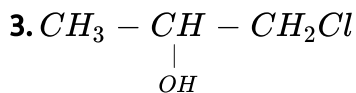
Section I Q 1 To Q 25



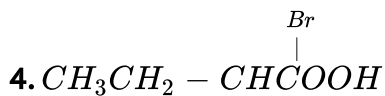
Watch Video Solution



Watch Video Solution

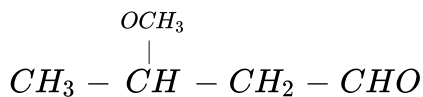


 [Watch Video Solution](#)



 [Watch Video Solution](#)

5. write the IUPAC Name of this compound:

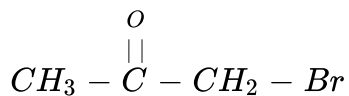


 [Watch Video Solution](#)

6. IUPAC name is $CH_3 - CH = CH - CH = CH_2$

 [Watch Video Solution](#)

7. IUPAC name is

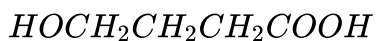


 [Watch Video Solution](#)

8. $\text{CH}_2 - \text{OHCH}_2\text{CH}_2\text{CH}_2\text{OH}$

 [Watch Video Solution](#)

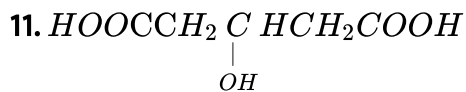
9. write the IUPAC name of the compound



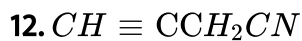
 [Watch Video Solution](#)

10. $\text{CH}_3\underset{\text{Br}}{\text{CH}}\text{CH}_2\text{COOCH}_3$

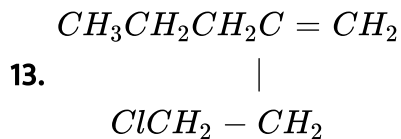
 [Watch Video Solution](#)



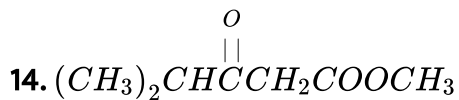
 Watch Video Solution



 Watch Video Solution



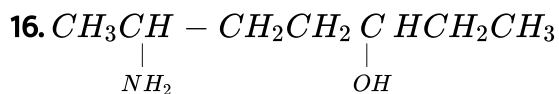
 Watch Video Solution



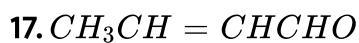
 Watch Video Solution



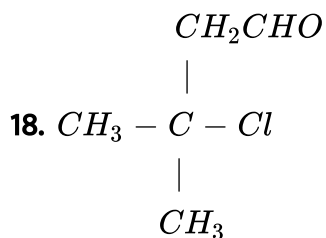
 Watch Video Solution



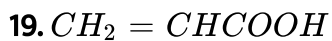
 Watch Video Solution



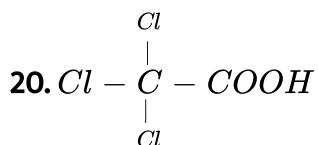
 Watch Video Solution



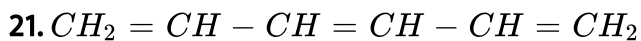
 Watch Video Solution



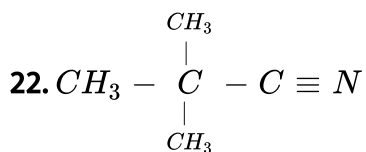
 Watch Video Solution



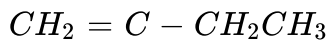
 Watch Video Solution



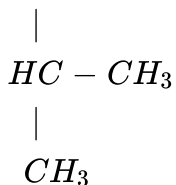
 Watch Video Solution



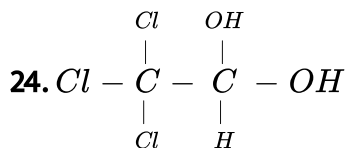
 Watch Video Solution



23.

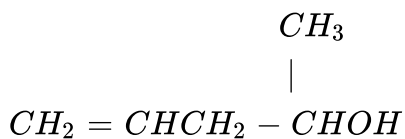


Watch Video Solution

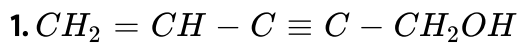


Watch Video Solution

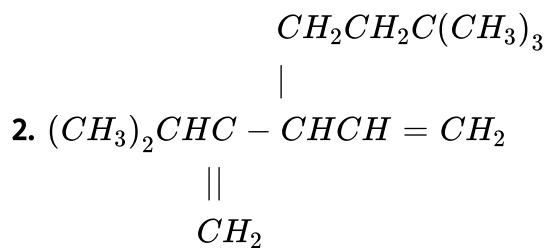
25.



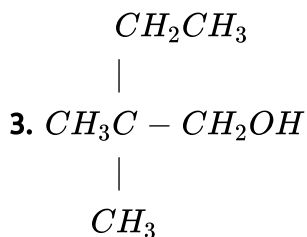
Watch Video Solution



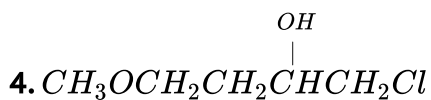
 [Watch Video Solution](#)



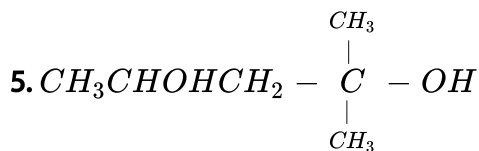
 [Watch Video Solution](#)



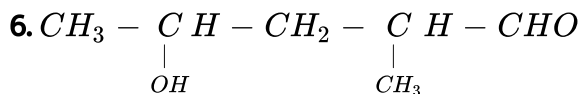
 [Watch Video Solution](#)



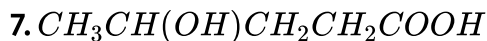
 [Watch Video Solution](#)



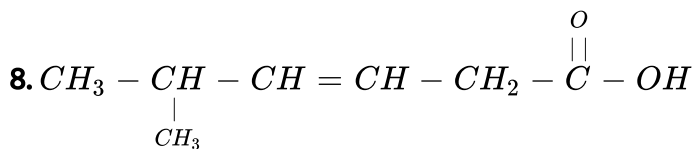
 [Watch Video Solution](#)



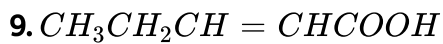
 [Watch Video Solution](#)



 [Watch Video Solution](#)



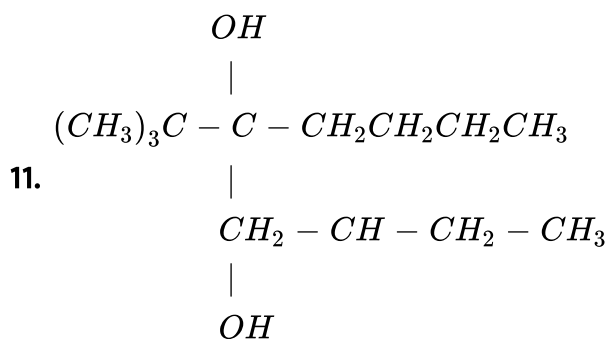
 Watch Video Solution



 Watch Video Solution

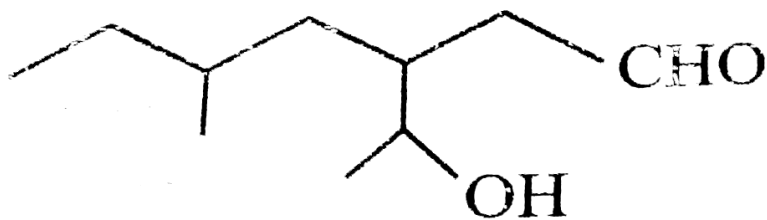


 Watch Video Solution



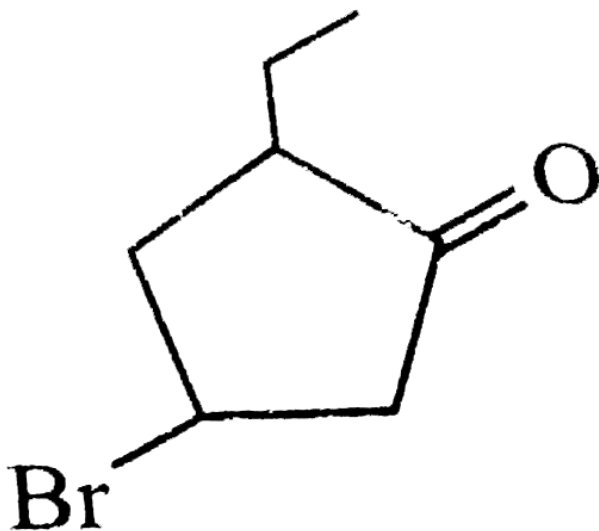
 Watch Video Solution

12. Match the following columns



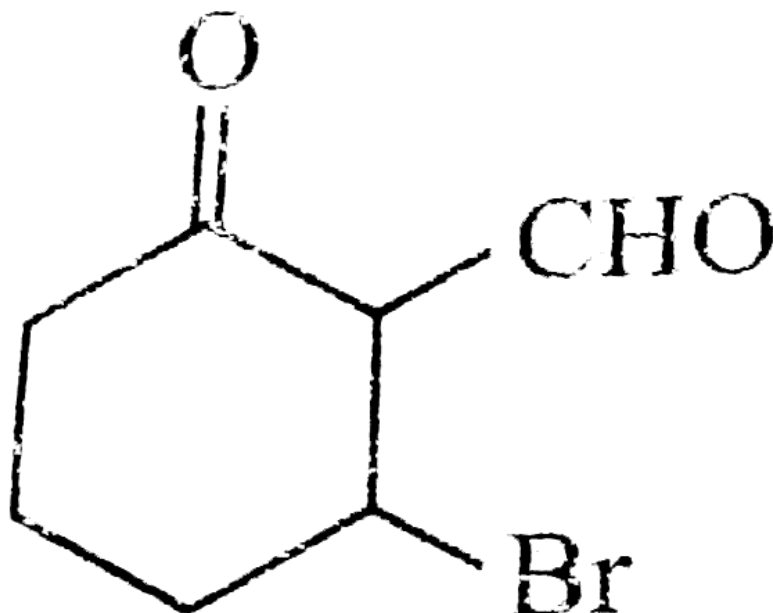
[▶ Watch Video Solution](#)

13. What is iupac name of the following compound



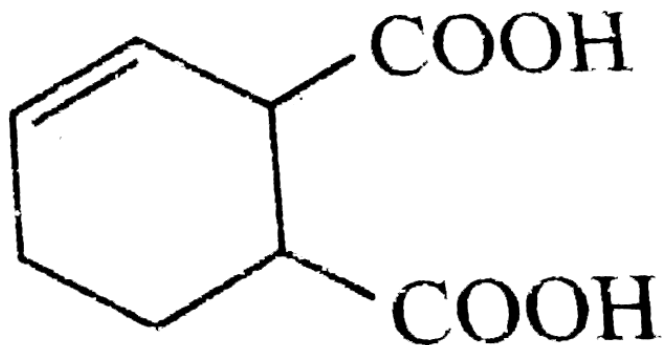
[▶ Watch Video Solution](#)

14. What is iupac name of the following compound



[Watch Video Solution](#)

15. What is iupac name of the following compound

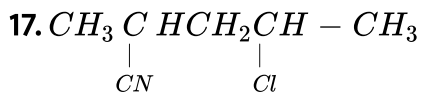


[▶ Watch Video Solution](#)

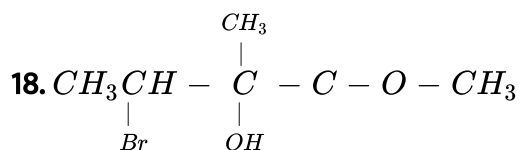
16. What is iupac name of the following compound



[▶ Watch Video Solution](#)

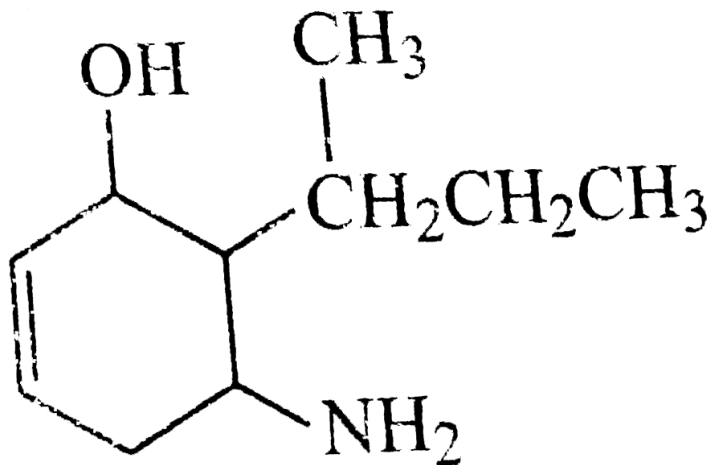


[▶ Watch Video Solution](#)

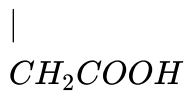
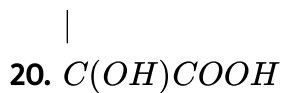


[▶ Watch Video Solution](#)

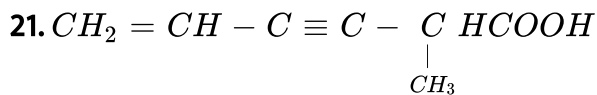
19. What is iupac name of the following compound



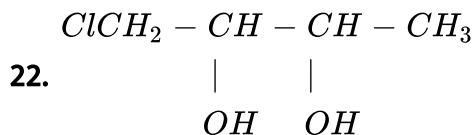
[▶ Watch Video Solution](#)



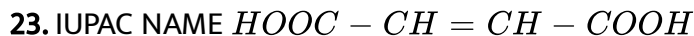
 [Watch Video Solution](#)



 [Watch Video Solution](#)

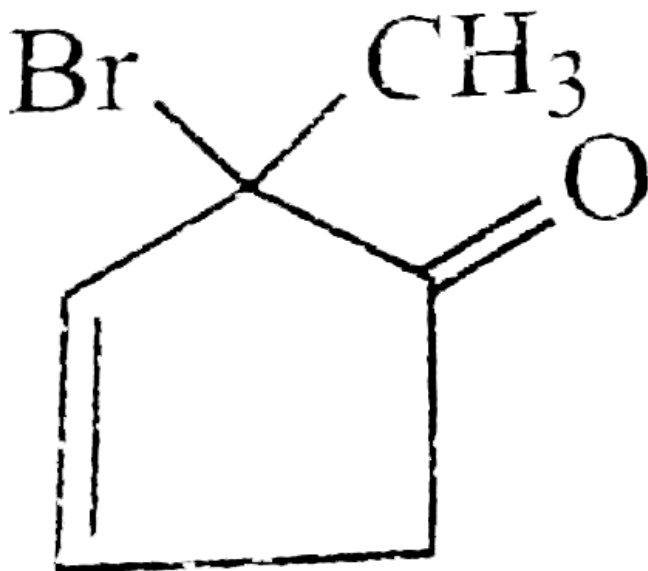


 [Watch Video Solution](#)

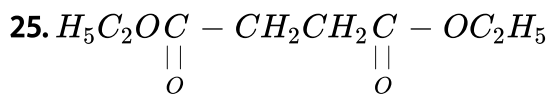


 [Watch Video Solution](#)

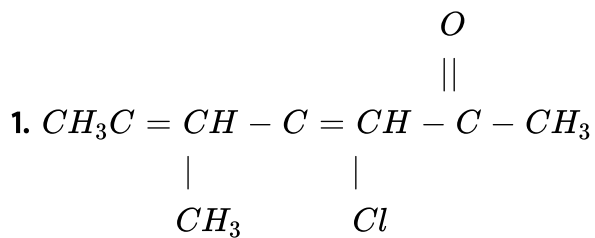
24. What is iupac name of the following compound



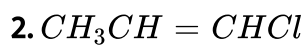
[▶ Watch Video Solution](#)



[▶ Watch Video Solution](#)

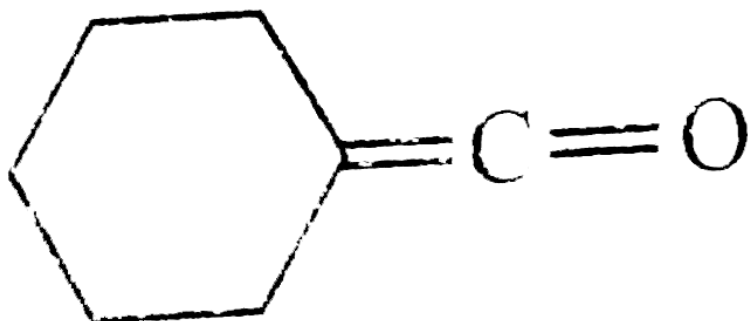


 [Watch Video Solution](#)



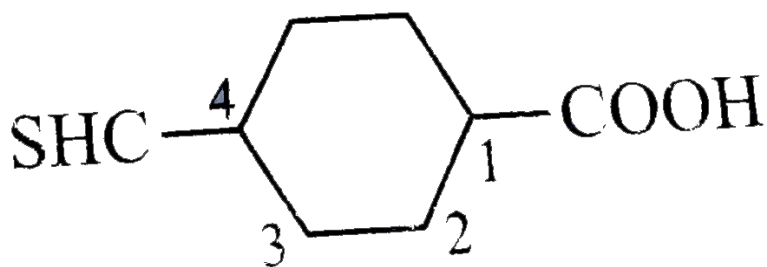
 [Watch Video Solution](#)

3. Give IUPAC name for the given structure



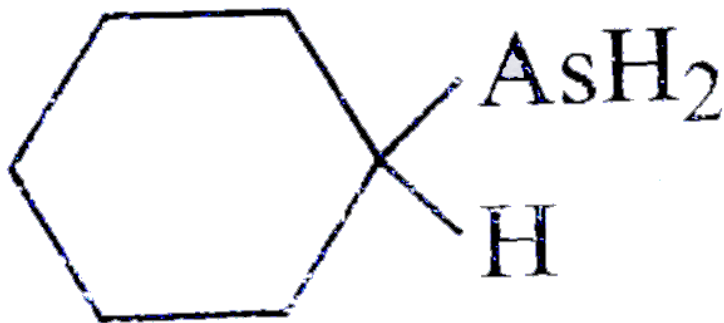
[▶ Watch Video Solution](#)

4. What is iupac name of the following compound



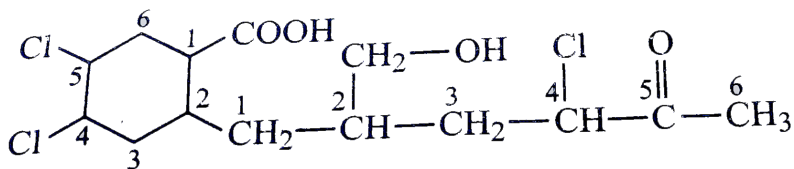
[▶ Watch Video Solution](#)

5. What is iupac name of the following compound



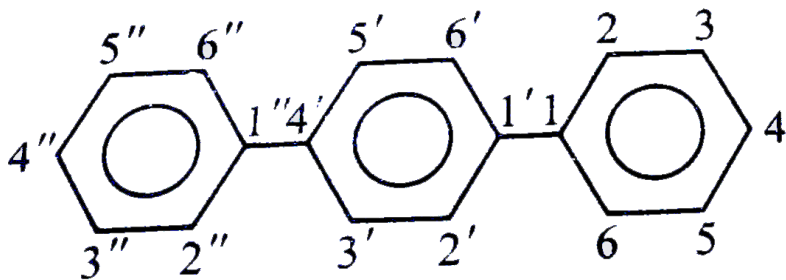
[▶ Watch Video Solution](#)

6. Give IUPAC name for the given structure



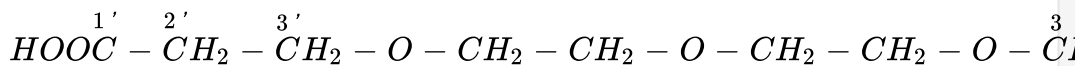
[▶ Watch Video Solution](#)

7. What is iupac name of the following compound



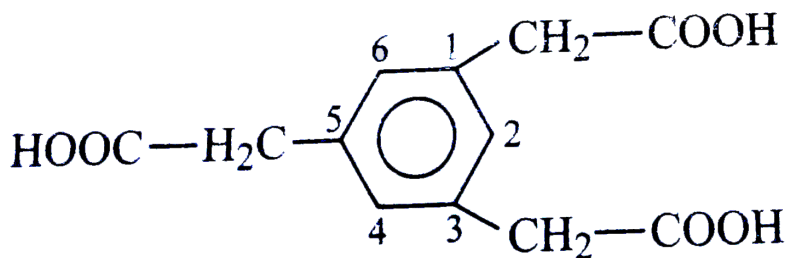
[▶ Watch Video Solution](#)

8.



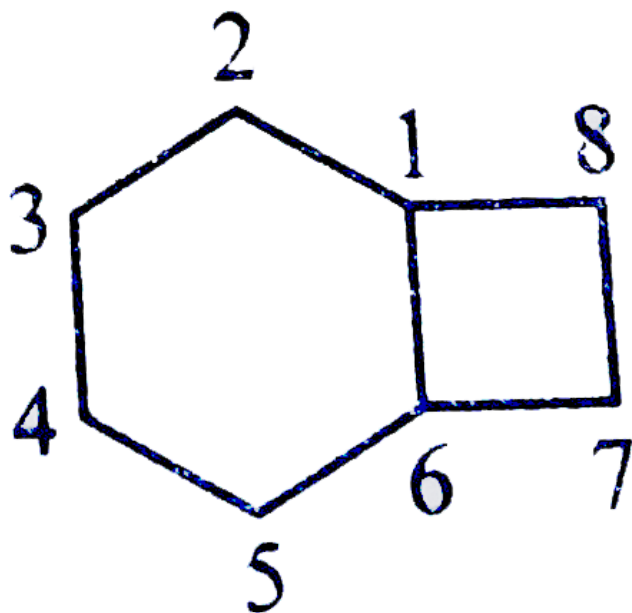
[▶ Watch Video Solution](#)

9. What is iupac name of the following compound

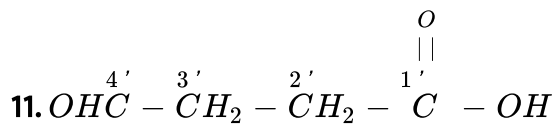
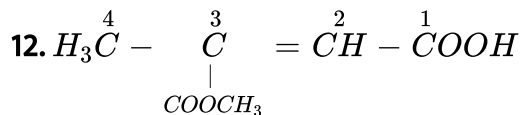
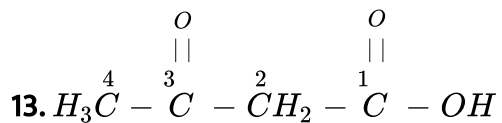


[▶ Watch Video Solution](#)

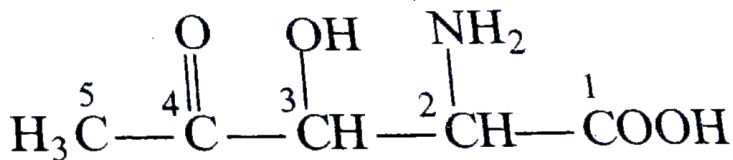
10. What is iupac name of the following compound



[▶ Watch Video Solution](#)

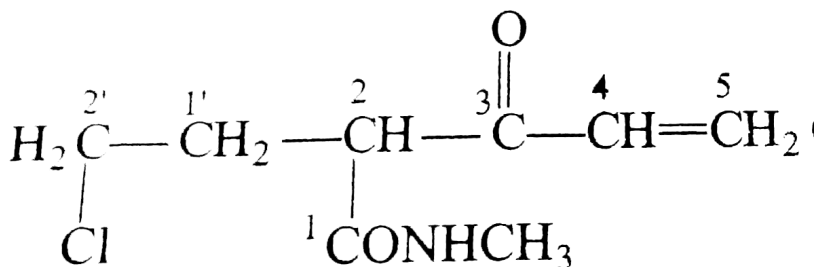
[Watch Video Solution](#)[Watch Video Solution](#)[Watch Video Solution](#)[Watch Video Solution](#)

14. What is iupac name of the following compound



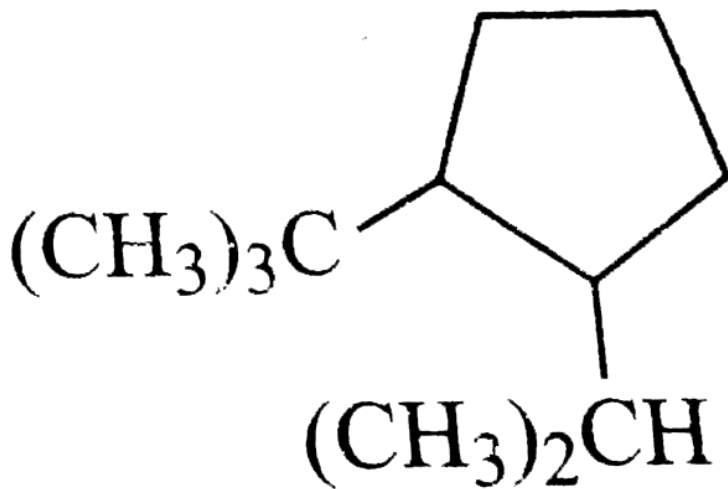
 Watch Video Solution

15. What is iupac name of the following compound



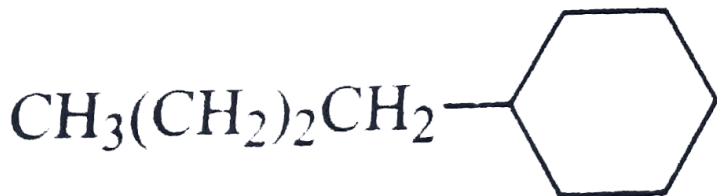
 Watch Video Solution

16. What is iupac name of the following compound



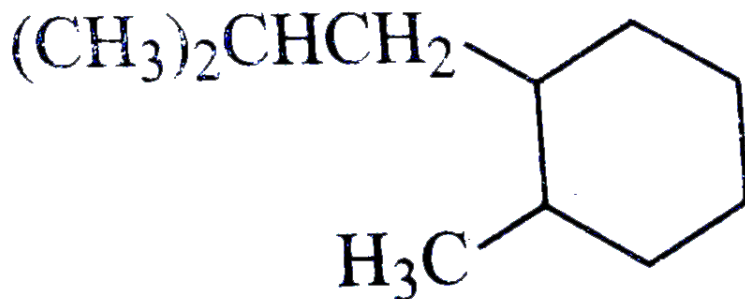
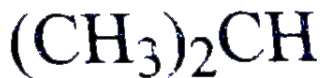
[▶ Watch Video Solution](#)

17. What is iupac name of the following compound



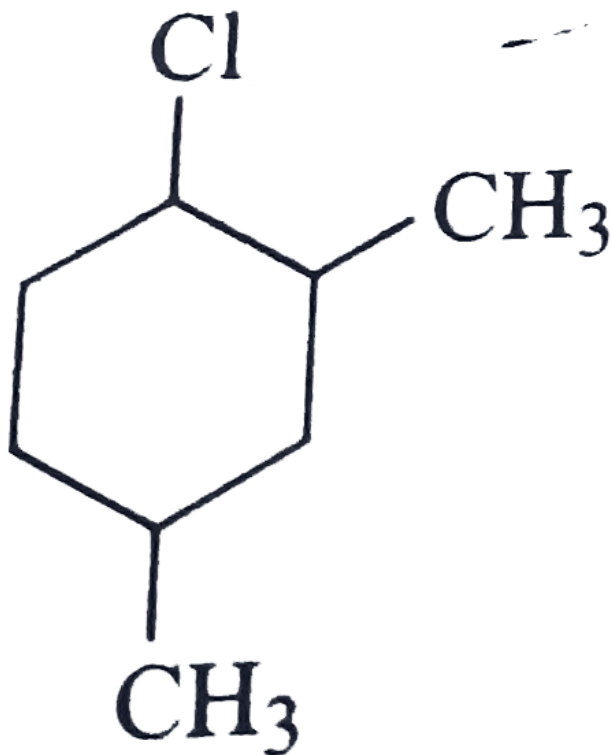
[▶ Watch Video Solution](#)

18. What is iupac name of the following compound



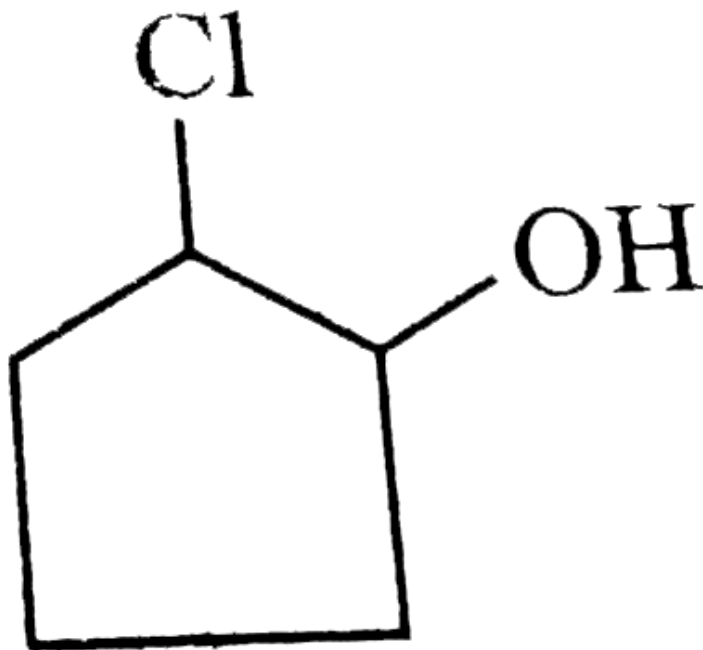
 [Watch Video Solution](#)

19. What is iupac name of the following compound

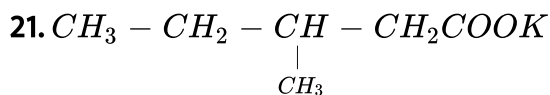


[▶ Watch Video Solution](#)

20. What is iupac name of the following compound



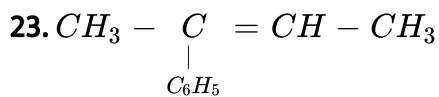
[▶ Watch Video Solution](#)



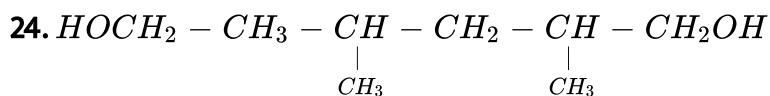
[▶ Watch Video Solution](#)



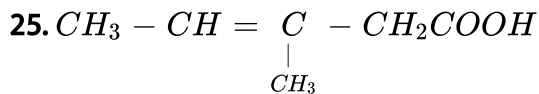
 Watch Video Solution



 Watch Video Solution

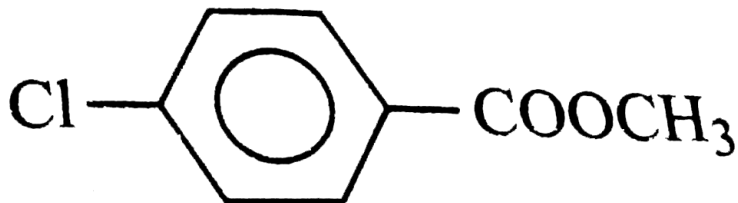


 Watch Video Solution

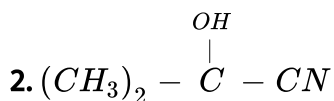


 Watch Video Solution

1. What is iupac name of the following compound



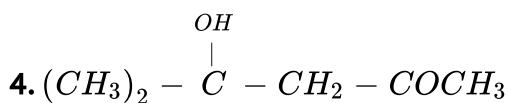
[▶ Watch Video Solution](#)



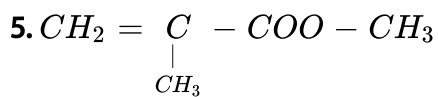
[▶ Watch Video Solution](#)

3. IUPAC name of the following $C_6H_5CH = C(CH_3)_2$

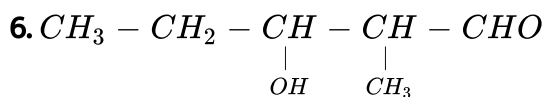
[▶ Watch Video Solution](#)



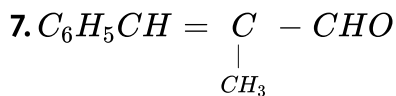
 [Watch Video Solution](#)



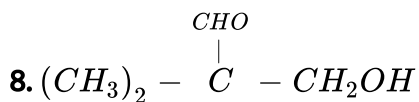
 [Watch Video Solution](#)



 [Watch Video Solution](#)



 [Watch Video Solution](#)

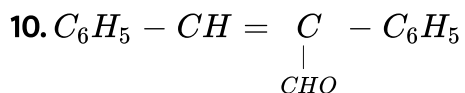


 [Watch Video Solution](#)

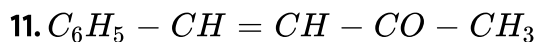
Watch Video Solution



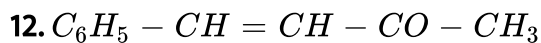
 Watch Video Solution



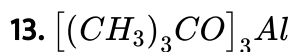
 Watch Video Solution



 Watch Video Solution



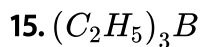
 Watch Video Solution



 Watch Video Solution

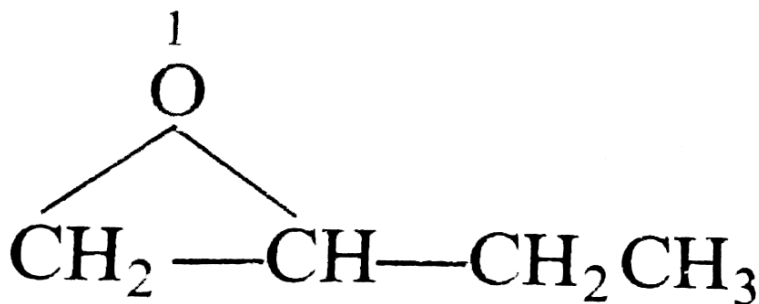


 Watch Video Solution



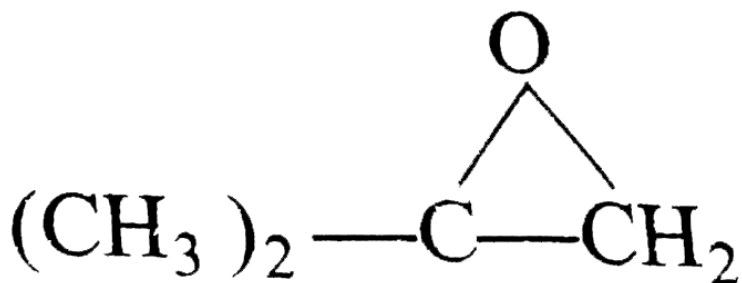
 Watch Video Solution

16. What is iupac name of the following compound



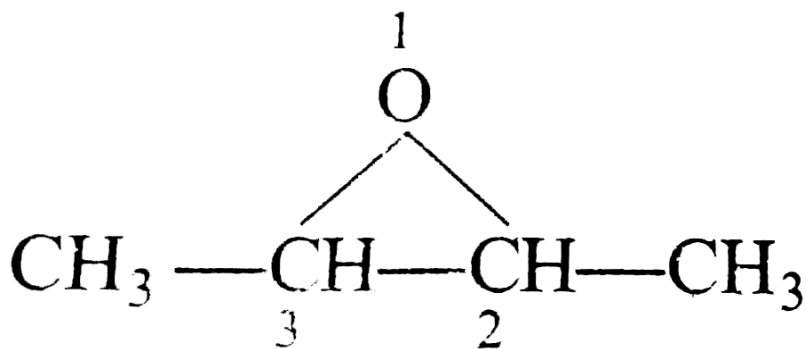
 Watch Video Solution

17. What is iupac name of the following compound



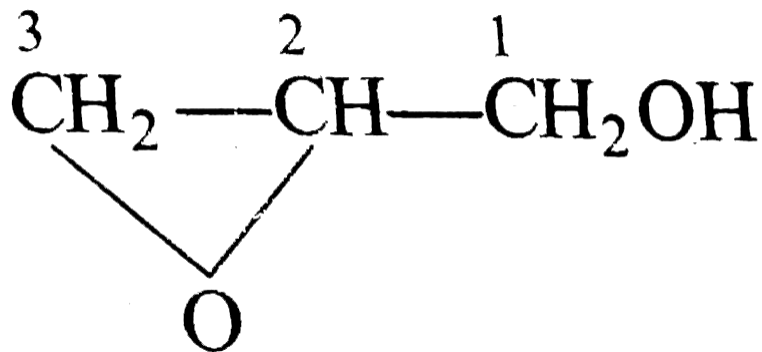
 Watch Video Solution

18. What is iupac name of the following compound



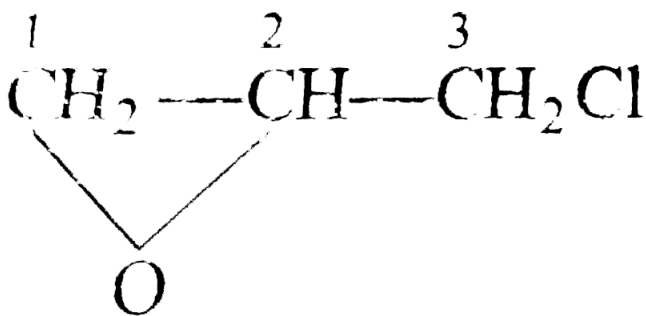
 Watch Video Solution

19. What is iupac name of the following compound

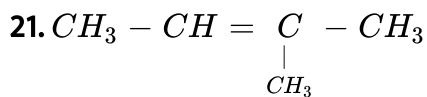


[▶ Watch Video Solution](#)

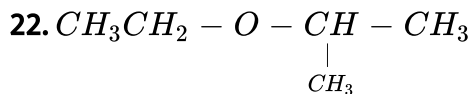
20. What is iupac name of the following compound



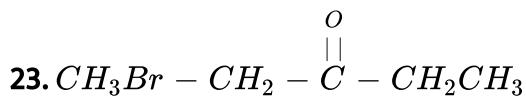
[▶ Watch Video Solution](#)



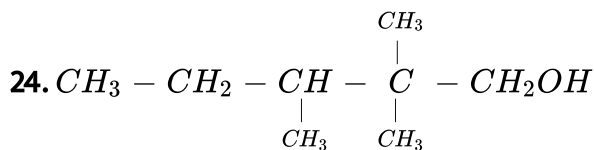
 Watch Video Solution



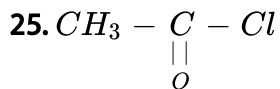
 Watch Video Solution



 Watch Video Solution

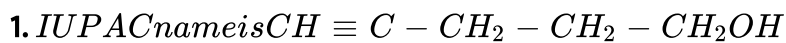


 Watch Video Solution



 Watch Video Solution

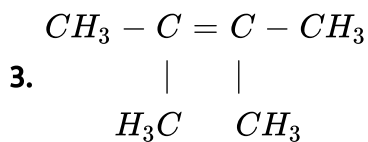
Section I Q 101 To Q 115



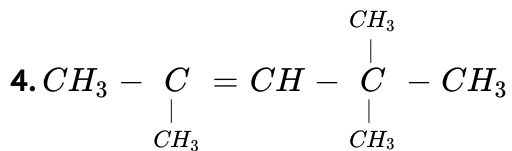
 Watch Video Solution



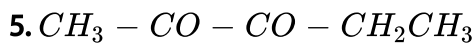
 Watch Video Solution



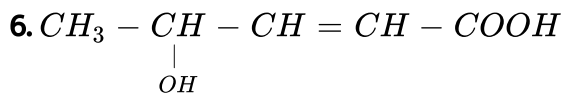
 Watch Video Solution



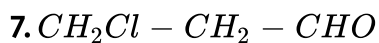
 [Watch Video Solution](#)



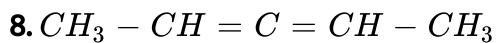
 [Watch Video Solution](#)



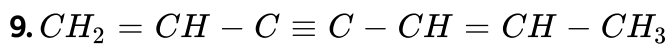
 [Watch Video Solution](#)



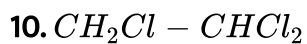
 [Watch Video Solution](#)



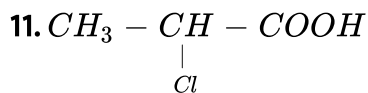
 [Watch Video Solution](#)



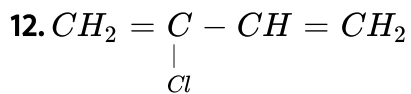
 [Watch Video Solution](#)



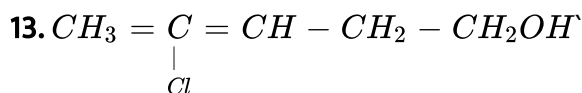
 [Watch Video Solution](#)



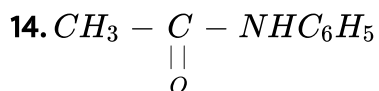
 [Watch Video Solution](#)



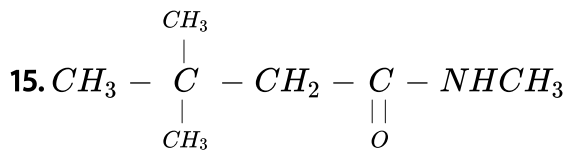
 [Watch Video Solution](#)



 [Watch Video Solution](#)



 [Watch Video Solution](#)



 [Watch Video Solution](#)

1. 1,2-dibromo-3-chloro-1-propene

 [Watch Video Solution](#)

2. 2-ethoxy-1-ethoxy-1-ethanol

 [Watch Video Solution](#)

3. 2-butenamide

 [Watch Video Solution](#)

4. 2-aminopropanoic acid

 [Watch Video Solution](#)

5. 2-chloromethoxyethanol

 [Watch Video Solution](#)

6. 3-bromo-1-propene

 [Watch Video Solution](#)

7. 1,3-dichloro-2-butenic acid

 [Watch Video Solution](#)

8. 3-buten-2-ol

 [Watch Video Solution](#)

9. 3-methyl -2-butenic acid



 [Watch Video Solution](#)

10. 4-dimethylamino-2-butanol

 [Watch Video Solution](#)

11. 3-chloro-3-methyl-1-butyne

 [Watch Video Solution](#)

12. 2-methyl-2-pentenal

 [Watch Video Solution](#)

13. 2-ethyl-3-hydroxyhexanal

 [Watch Video Solution](#)

14. 4-methyl-2-pentene

 [Watch Video Solution](#)

15. 2-methyl-2-butenoic acid

 [Watch Video Solution](#)

16. 3-ethyl-1,3-hexanediol

 [Watch Video Solution](#)

17. 4-methoxy-2-butenoic acid

 [Watch Video Solution](#)

18. 1,5-hexadiene



 [Watch Video Solution](#)

19. 2-propen-1-ol

 [Watch Video Solution](#)

20. 2,2,2-trichloroethanoic acid

 [Watch Video Solution](#)

21. 2-chloro-1,3-butadiene

 [Watch Video Solution](#)

22. 2-methyl-2-propene-1,1-dicarboxylic acid

 [Watch Video Solution](#)

23. 2-methyl-2-butenic acid

 [Watch Video Solution](#)

24. 3-bromo-2-methylpentan-2-ol

 [Watch Video Solution](#)

25. 3-methylbut-3-en-1-ol

 [Watch Video Solution](#)

Section II Q 26 To Q 50

1. pentane-2,4-dione

 [Watch Video Solution](#)

2. 1-ethoxypropan-1-ol

 [Watch Video Solution](#)

3. 6-hydroxy-3,5-dimethyloct-4-enal

 [Watch Video Solution](#)

4. 5-bromopent-3-en-2-one

 [Watch Video Solution](#)

5. 4-cyano-4-ethylpentan-3-one

 [Watch Video Solution](#)

6. 2-chlorohex-5-ynal



 [Watch Video Solution](#)

7. 2-methylbutana

 [Watch Video Solution](#)

8. 2,2,4-trimethylpentane

 [Watch Video Solution](#)

9. 3-methylpentane

 [Watch Video Solution](#)

10. 4-ethylheptane

 [Watch Video Solution](#)

11. 5-ethyl-2,2-dimethylheptane

 [Watch Video Solution](#)

12. 3-methylpentane

 [Watch Video Solution](#)

13. 4-tert-butyl-2-methylheptane or 4-(1,1-dimethylethyl)-2-methylheptane

 [Watch Video Solution](#)

14. 4-ethyl-3-methylheptane

 [Watch Video Solution](#)

15. 4-isopropylheptane or 4-(1-methylethyl) heptane



 [Watch Video Solution](#)

16. 2,3-dimethylpentane

 [Watch Video Solution](#)

17. 2-ethyl-1-hexene

 [Watch Video Solution](#)

18. 2-methylpropene

 [Watch Video Solution](#)

19. 2-ethyl-3-methyl-1-butene

 [Watch Video Solution](#)

20. 2-methylpropene

 [Watch Video Solution](#)

21. 2,2,4-trimethylpentane

 [Watch Video Solution](#)

22. 3,3,5-trimethylheptane

 [Watch Video Solution](#)

23. 3,3-dimethyl-1-butene

 [Watch Video Solution](#)

24. 2,4-bimethyl-2-pentane



 [Watch Video Solution](#)

25. 2-methyl-3-hexyne

 [Watch Video Solution](#)

Section li Q 51 To Q 75

1. 1,2,3-trichlorobutane

 [Watch Video Solution](#)

2. 1,2-dibromo-3-hchlorobutane

 [Watch Video Solution](#)

3. 1-bromo-2,2-dimethylpropane





[Watch Video Solution](#)

4. 2-methyl-2-propanol



[Watch Video Solution](#)

5. 1-phenyl-2-propanol



[Watch Video Solution](#)

6. 1-phenyl-1-propanol



[Watch Video Solution](#)

7. 3-ethyl-3,7,7-trimethyl-2-octanol



[Watch Video Solution](#)

8. 2-phenylethanol

 [Watch Video Solution](#)

9. Propanal

 [Watch Video Solution](#)

10. 3-cyclopropyl-3-methylbutanal

 [Watch Video Solution](#)

11. 3-methyl-2-butanone

 [Watch Video Solution](#)

12. 3-methylbutanal





[Watch Video Solution](#)

13. 3-methylbutanoic acid



[Watch Video Solution](#)

14. 4-methyl-2-pentenone



[Watch Video Solution](#)

15. Ethyl propanoate



[Watch Video Solution](#)

16. N,N-dimethylpropanamide



[Watch Video Solution](#)

17. 3-methoxypentane

 [Watch Video Solution](#)

18. 1-ethoxypropan

 [Watch Video Solution](#)

19. 3-methylpentanoic acid

 [Watch Video Solution](#)

20. Propanoic anhydride

 [Watch Video Solution](#)

21. N-ethylethanamide



 [Watch Video Solution](#)

22. Isopropyl propanoate or 1-methylethyl propanoate

 [Watch Video Solution](#)

23. N-methylpropanamide

 [Watch Video Solution](#)

24. 2-methyl-3-phenylpentanoic acid

 [Watch Video Solution](#)

25. 3-chloro-1-butanol

 [Watch Video Solution](#)

1. 4-chloro-2-pentyne

 [Watch Video Solution](#)

2. 3-(1-chloroethyl)-4-methyl-4-phenyl-2-pentanone

 [Watch Video Solution](#)

3. 3-chloro-4-methyl-3-hexene

 [Watch Video Solution](#)

4. 3-bromo-1-propyne

 [Watch Video Solution](#)

5. 2-ethyl-3-oxobutanal

 [Watch Video Solution](#)

6. 2-butenic acid

 [Watch Video Solution](#)

7. 2-oxobutanoic acid

 [Watch Video Solution](#)

8. Methoxy-2-methyl-2-butanol or Methyl amine ethanoic acid

 [Watch Video Solution](#)

9. Bromopropanone



 [Watch Video Solution](#)

10. 1-chloro-2-propanal

 [Watch Video Solution](#)

11. 1,2-dimethoxyethane

 [Watch Video Solution](#)

12. 4-methoxy-2-methyl-2-butanol

 [Watch Video Solution](#)

13. 3-penten-1-ol

 [Watch Video Solution](#)

14. 4-methyl-3-penten-2-one

 [Watch Video Solution](#)

15. 3,5-hexadienoic acid

 [Watch Video Solution](#)

16. 1,1-dichloro-2-methylpropene

 [Watch Video Solution](#)

17. 2-hydroxybutanoic acid

 [Watch Video Solution](#)

18. 1-chloro-5-methyl-2-hexanone



 [Watch Video Solution](#)

19. 3-bromo-1,3,5-hexatriene

 [Watch Video Solution](#)

20. 3,3-dimethyl-1-penten-4-yne

 [Watch Video Solution](#)

21. 1-bromo-3-methoxypropane

 [Watch Video Solution](#)

22. 1,4-dibromo-1-butyne

 [Watch Video Solution](#)

23. Methoxypropanone

 [Watch Video Solution](#)

24. 3-bromo-N-ethylbutanamide

 [Watch Video Solution](#)

25. 3-methoxy-2-pentanol

 [Watch Video Solution](#)

Section II Q 101 To Q 116

1. Write the structure of 4-chloro-2-ethyl 1-butene.

 [Watch Video Solution](#)

2. 1-penten-3-one

 [Watch Video Solution](#)

3. 4-methyl-3-pentenal

 [Watch Video Solution](#)

4. 5-amino-3-methylhexanoic acid

 [Watch Video Solution](#)

5. 5-bromo-3-hexanol

 [Watch Video Solution](#)

6. Propenenitrile



 [Watch Video Solution](#)

7. Butenedioic acid

 [Watch Video Solution](#)

8. 2-butyne -1,4-diol

 [Watch Video Solution](#)

9. 2-methylpropanedioic acid

 [Watch Video Solution](#)

10. 1-ethyl-1-methylcyclohexane

 [Watch Video Solution](#)

11. 1-isopropyl-3-methylcyclohexane

 [Watch Video Solution](#)

12. 1-cyclobutyl-3-methylpentane

 [Watch Video Solution](#)

13. Methyl 3-bromo-2-hydroxy-2-methylbutanoate

 [Watch Video Solution](#)

14. 5-oxopentanoic acid

 [Watch Video Solution](#)

15. N,3,3-trimethyl-1-butanamine



 [Watch Video Solution](#)

16. 4-chloro-2-methylpentanenitrile

 [Watch Video Solution](#)

Section Iii Q 1 To Q 25

1. Bicyclo[3.1.0]hexane

 [Watch Video Solution](#)

2. 8-chlorobicyclo[4.2.0]oct-2-ene

 [Watch Video Solution](#)

3. 4-bromo-9-methyltricyclo[5.3.0.0^{2,6}]



 [View Text Solution](#)

4. Cyclododecane

 [Watch Video Solution](#)

5. Ethyl butanoate

 [Watch Video Solution](#)

6. 1-pentane nitrile or 1-pentanitrile

 [Watch Video Solution](#)

7. 2-methoxy-2-methyl-propane

 [Watch Video Solution](#)

8. Propanalimine

 [Watch Video Solution](#)

9. N,N-dimethyl-2-aminopropane

 [Watch Video Solution](#)

10. 3-methyl-2-butanol

 [Watch Video Solution](#)

11. N-ethyl-N-ethyl-N-methyl-1-aminopropane

 [Watch Video Solution](#)

12. 2,4-hex-diyne



 [Watch Video Solution](#)

13. 2-heptyne

 [Watch Video Solution](#)

14. 1-hexyne

 [Watch Video Solution](#)

15. 3-methyl-1-pentene

 [Watch Video Solution](#)

16. 3-methyl-2-butanol

 [View Text Solution](#)

17. Cis-(or Z)-3-hexene

 [View Text Solution](#)

18. Cis-(or z)-2-butanol

 [View Text Solution](#)

19. Trans-(or E)-2-butene

 [Watch Video Solution](#)

20. 2-methyl-2-cyclopropylpropane

 [Watch Video Solution](#)

21. 4-text- buty heptane



 [Watch Video Solution](#)

22. Trans-1-2-dimethylcyclohexane

 [Watch Video Solution](#)

23. Trans-1-2-dimethylcyclobutane

 [View Text Solution](#)

24. Cis-1,2-dimethylcyclohexane

 [Watch Video Solution](#)

25. Cis-1-methyl-3-isopropylcyclohexane

 [Watch Video Solution](#)

Section Iii Q 26 To Q 28

1. 5-ethyl-3-methyl-4-isopropyl nonane

 [Watch Video Solution](#)

2. 2,2-dimethylbutane

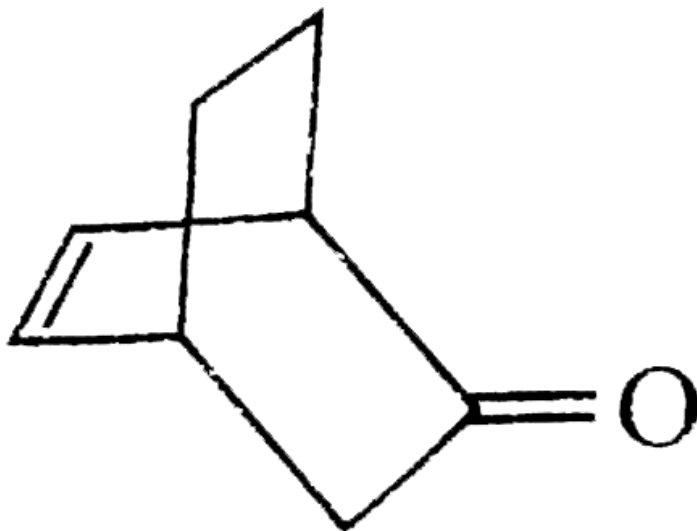
 [Watch Video Solution](#)

3. n-pentane

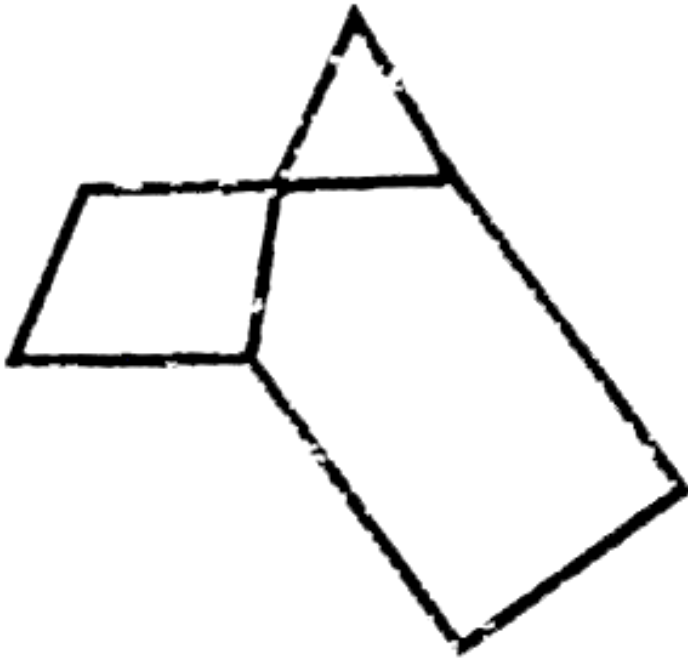
 [Watch Video Solution](#)

Section Iv Q 1 To Q 25

1. Write the correct IUPAC name for the following :



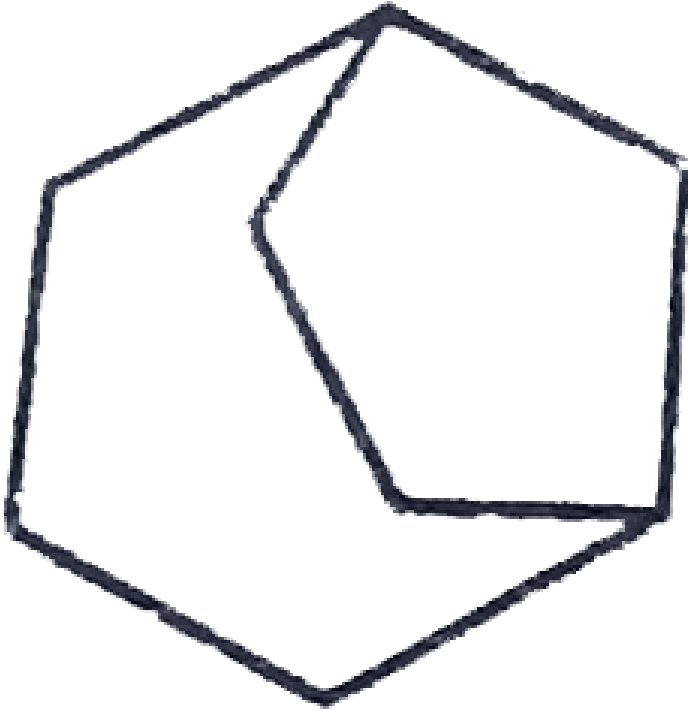
[View Text Solution](#)



2.



[View Text Solution](#)



3.



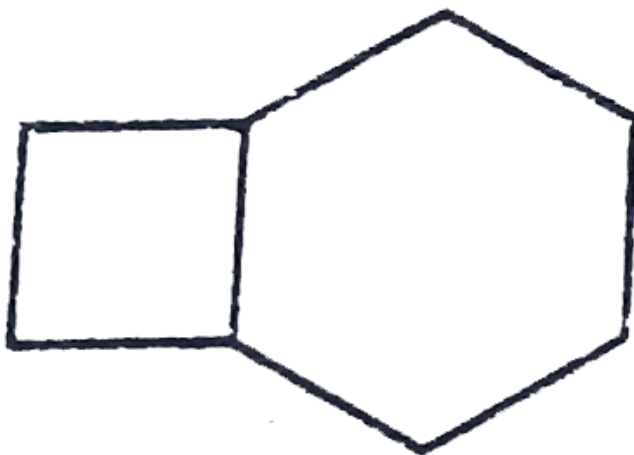
[View Text Solution](#)



4.

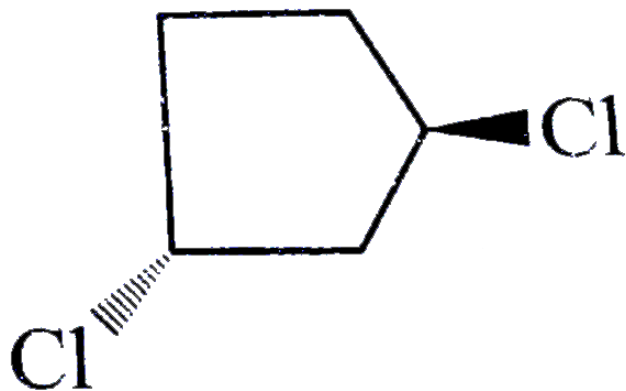
 [View Text Solution](#)

5. What is iupac name of the following compound



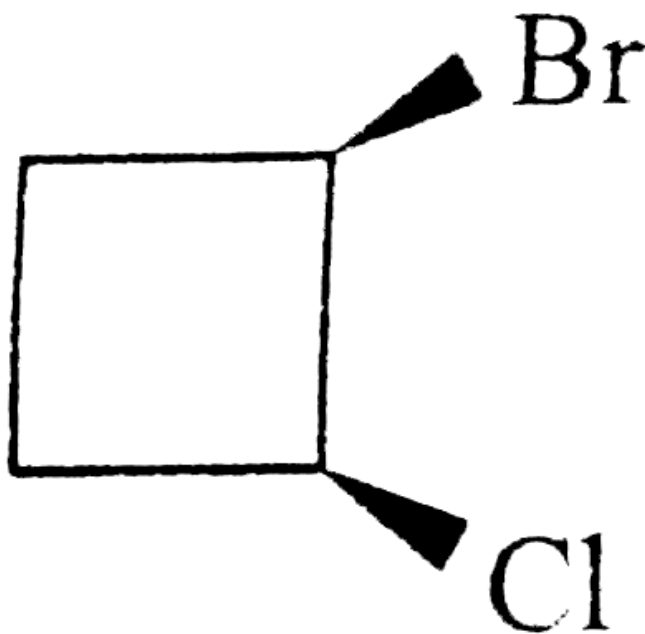
 [Watch Video Solution](#)

6. What is iupac name of the following compound



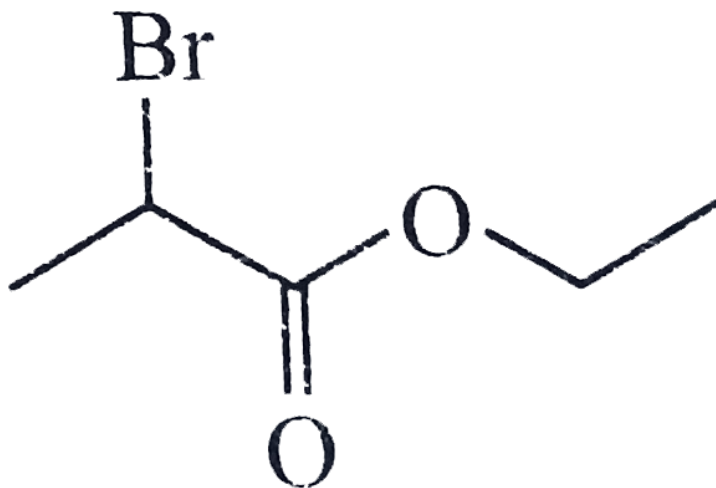
[▶ Watch Video Solution](#)

7. What is iupac name of the following compound



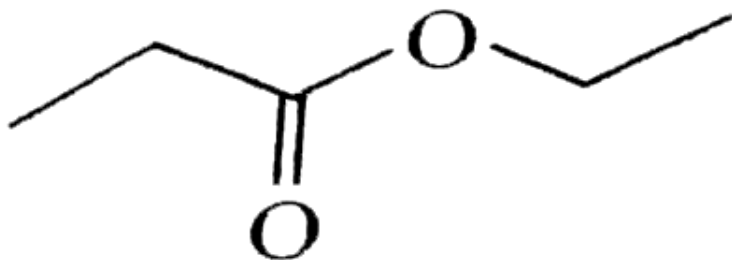
[Watch Video Solution](#)

8. What is iupac name of the following compound



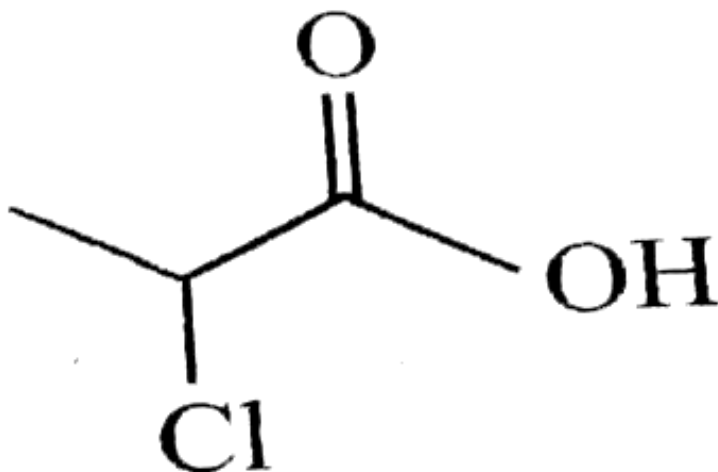
[▶ Watch Video Solution](#)

9. What is iupac name of the following compound



[▶ Watch Video Solution](#)

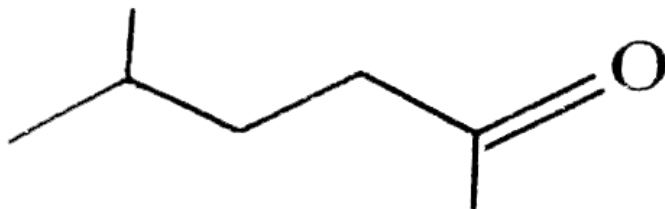
10. What is iupac name of the following compound



[▶ Watch Video Solution](#)

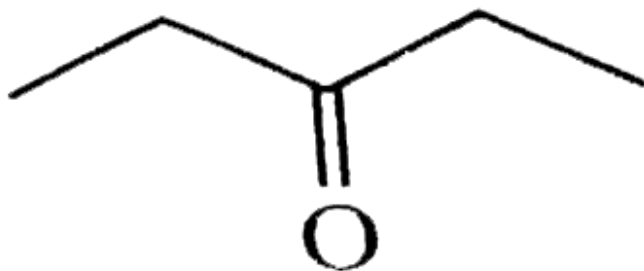
[Watch Video Solution](#)

11. What is iupac name of the following compound



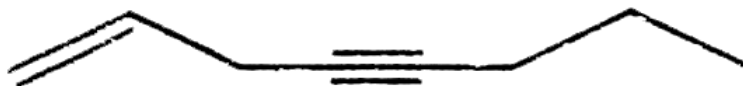
[Watch Video Solution](#)

12. What is iupac name of the following compound



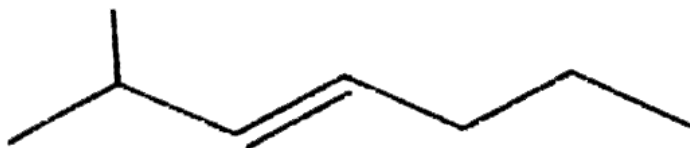
[Watch Video Solution](#)

13. What is iupac name of the following compound



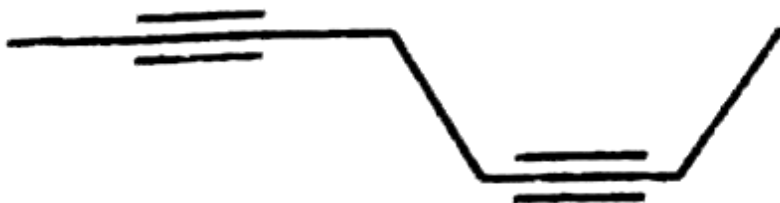
[▶ Watch Video Solution](#)

14. What is iupac name of the following compound



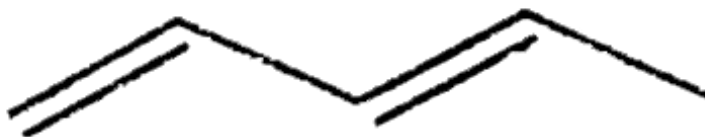
[▶ Watch Video Solution](#)

15. What is iupac name of the following compound



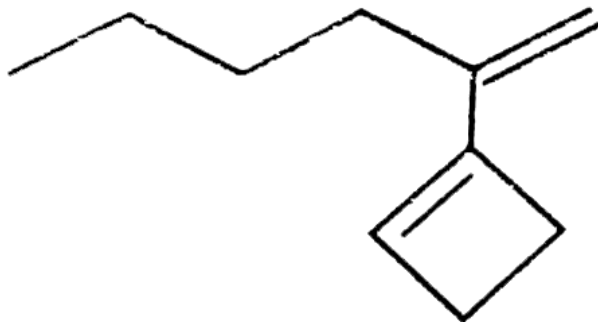
[▶ Watch Video Solution](#)

16. What is iupac name of the following compound



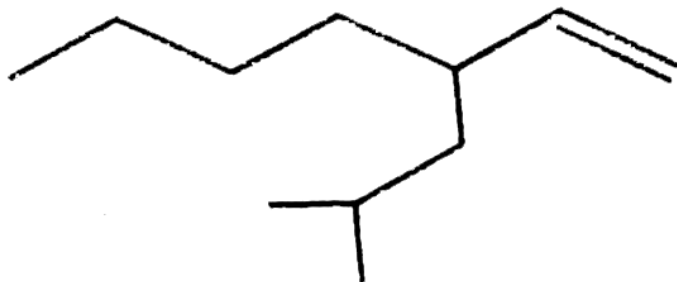
[▶ Watch Video Solution](#)

17. What is iupac name of the following compound



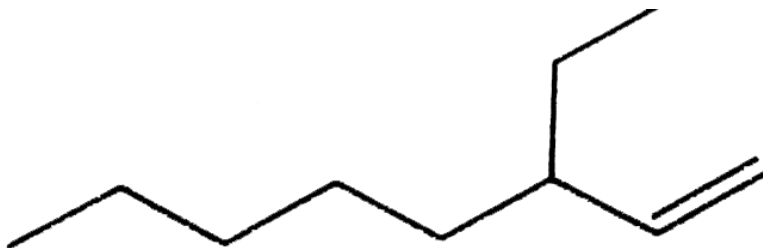
[▶ Watch Video Solution](#)

18. What is iupac name of the following compound



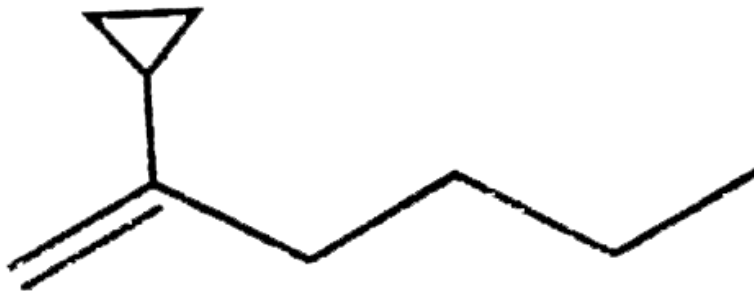
[▶ Watch Video Solution](#)

19. What is iupac name of the following compound



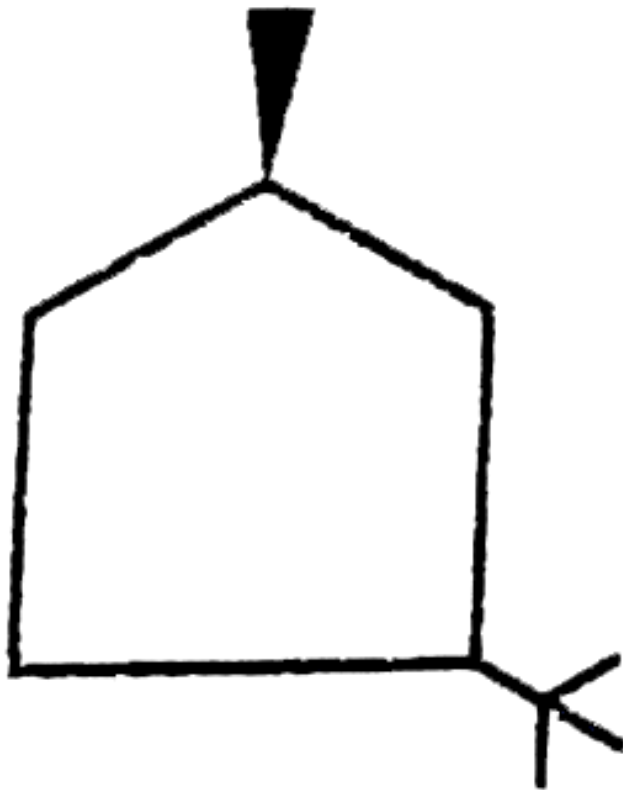
[▶ Watch Video Solution](#)

20. What is iupac name of the following compound



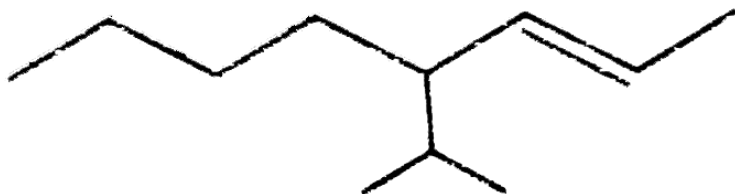
[▶ Watch Video Solution](#)

21. What is iupac name of the following compound



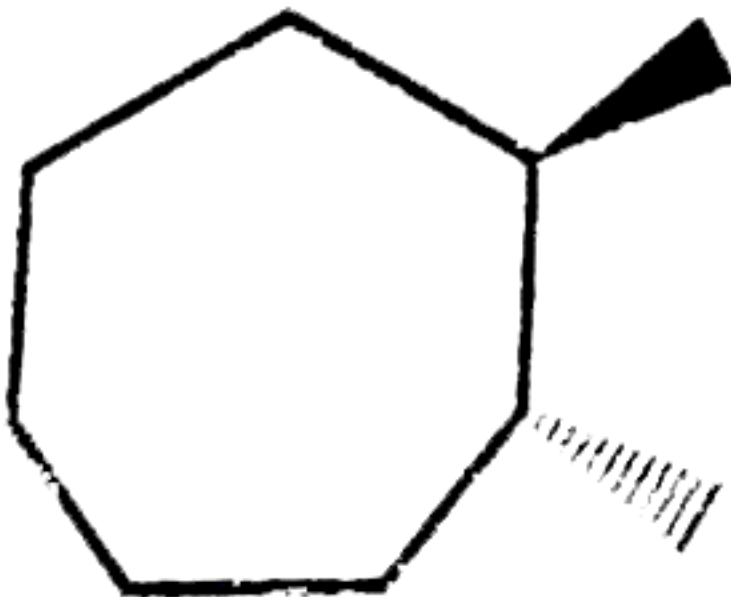
[Watch Video Solution](#)

22. What is iupac name of the following compound



[▶ Watch Video Solution](#)

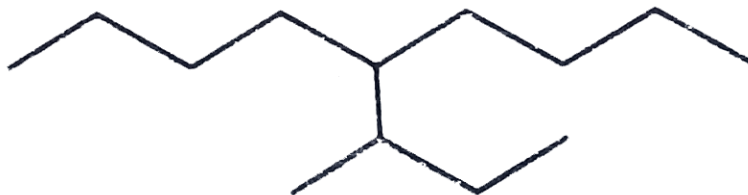
23. What is iupac name of the following compound





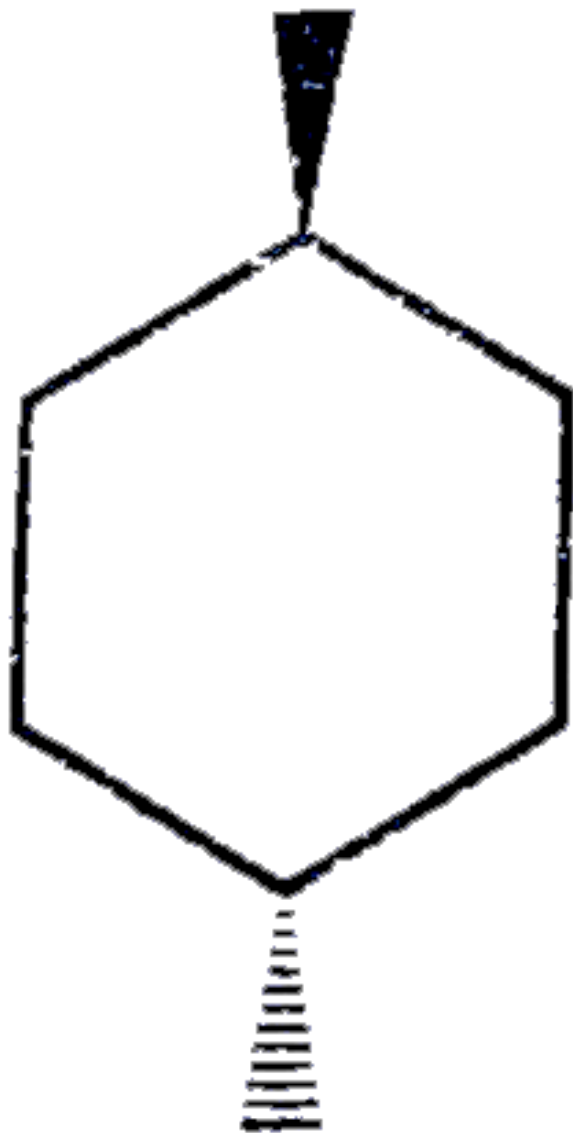
Watch Video Solution

24. What is iupac name of the following compound



Watch Video Solution

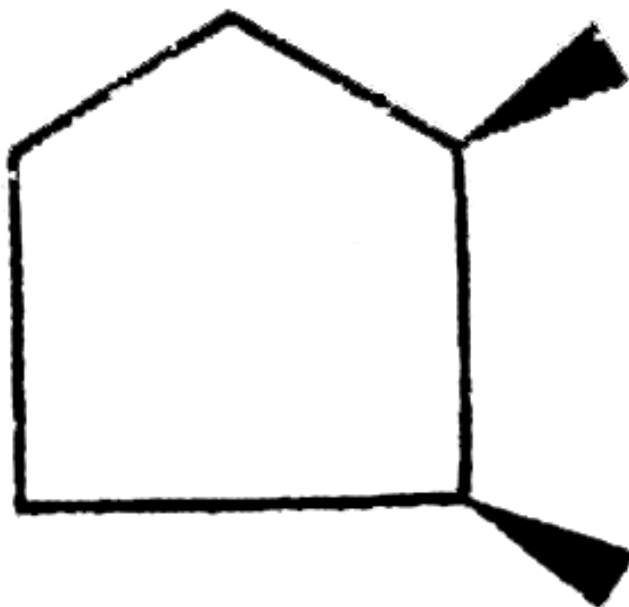
25. What is iupac name of the following compound



Watch Video Solution

Section IV Q 26 To Q 26

1. What is iupac name of the following compound



[Watch Video Solution](#)