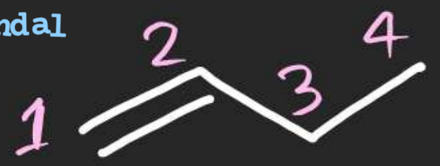
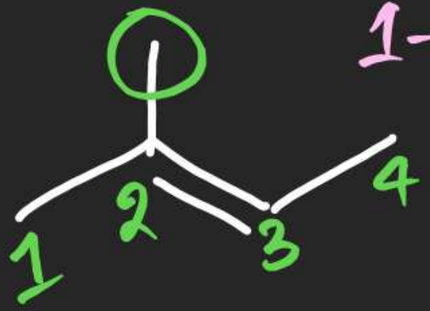
Nishant Jindal

(31) 

But-1-ene
or
1-Butene

(32) 

2-methyl
But-2-ene

(33) 

Penta-1,3-diene

(34) 

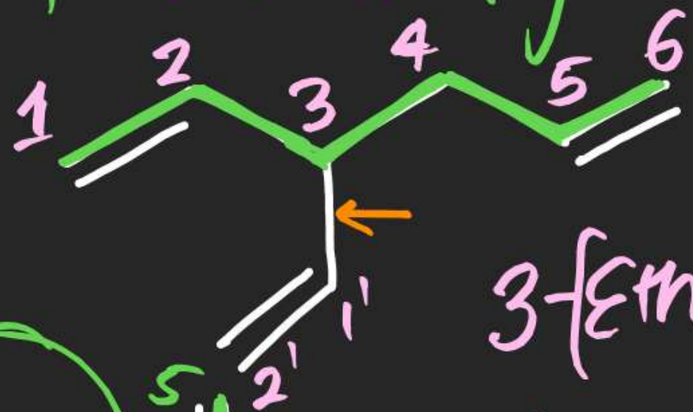
Pent-1-ene-3-yne

(35) 

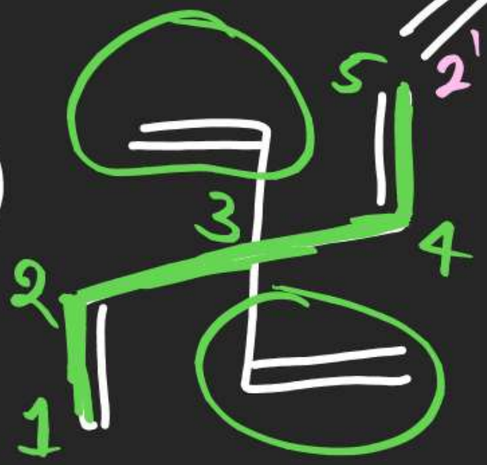
Pent-3-ene-1-yne

(36) 

Pent-1-ene-4-yne

(37) 

3-[Eth-1'-enyl]
Hexa"-1,5-diene

(38) 

3,3-Diethenyl Penta-1,4-diene

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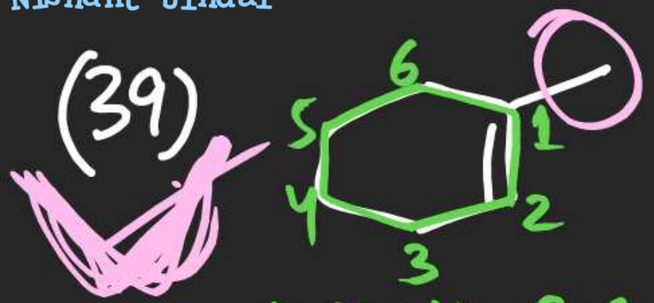
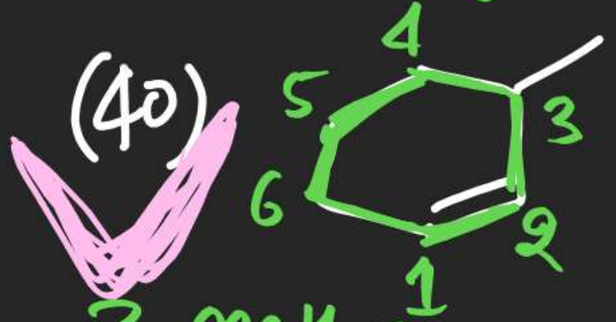
(39)



1-Methyl Cyclohex-1-ene

(40)



3-Methyl Cyclohexene

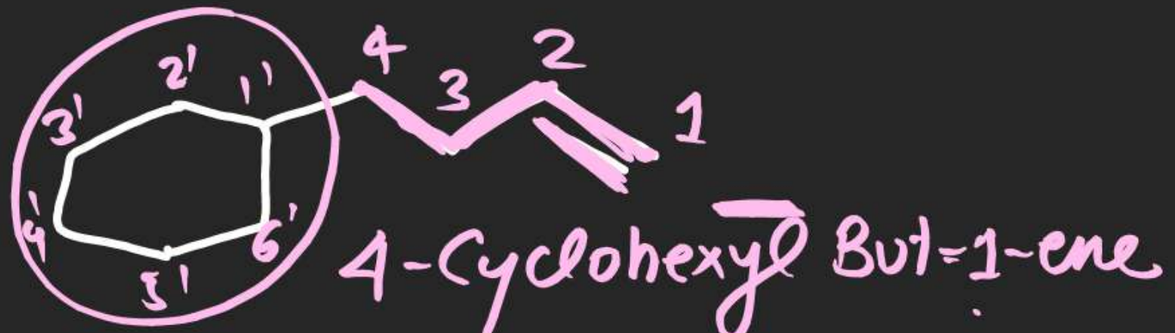
(41)

4-Methyl Cyclohex-1-ene

X

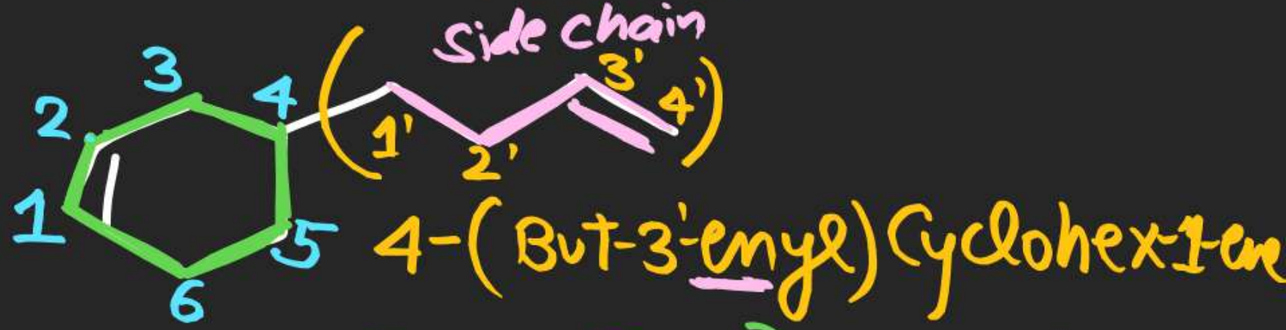
नहीं ये हो नहीं सकता

(42)



4-Cyclohexyl But-1-ene

(43)



4-(But-3'-enyl) Cyclohex-1-ene

(44)

5-[(yclohex-3'enyl] Penta-1,3-diene

(45)

Hepta-1,3,6-Triene

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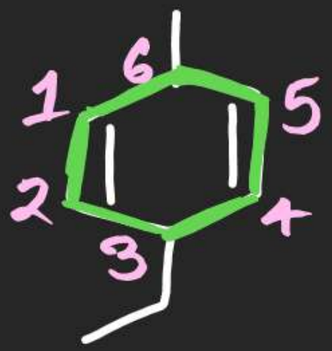
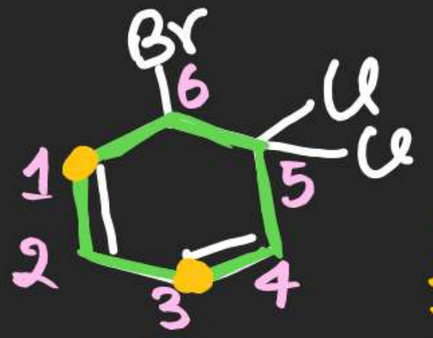
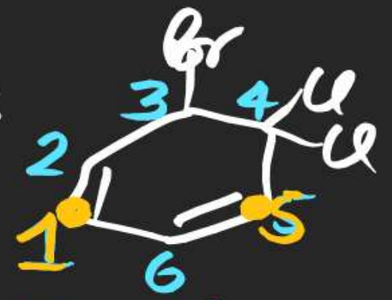
(46)



3-Ethyl-6-methyl Cyclohexa-1,4-diene

(49)

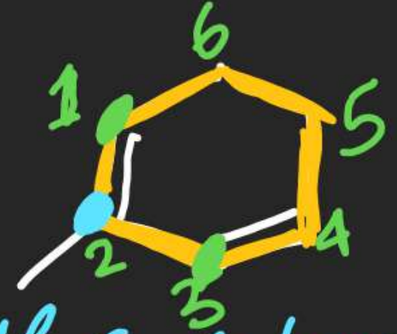


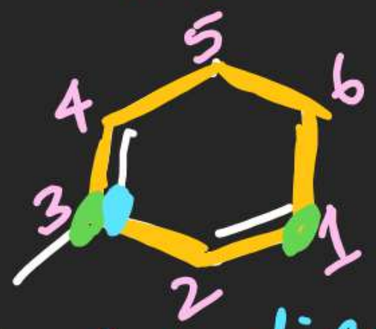


6-Bromo-5,5-Dichloro Cyclohexa-1,3-diene

X

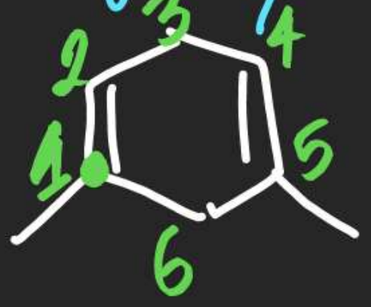
(47)





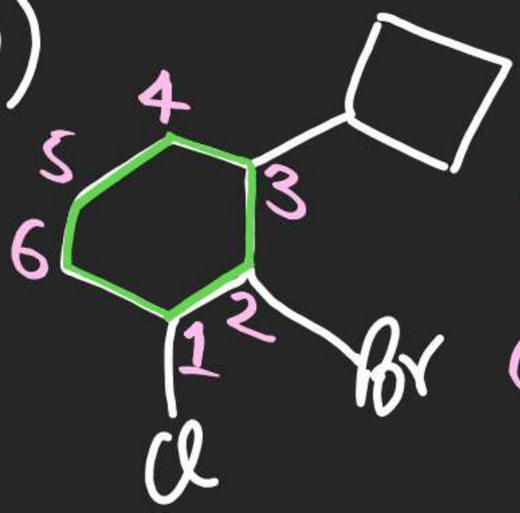
2-methyl Cyclohexa-1,3-diene

(48)



1,5-dimethyl Cyclohexa-1,4-diene

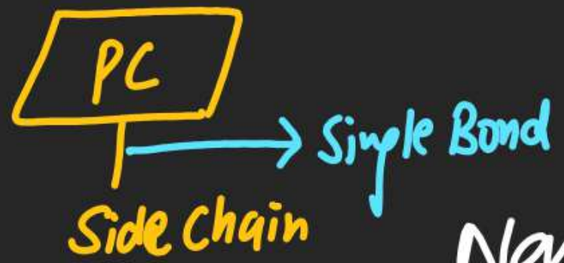
(50)



2-Bromo 1-chloro 3-Cyclobutyl Cyclohexane

(#) IUPAC naming of Complex side chains

(a)

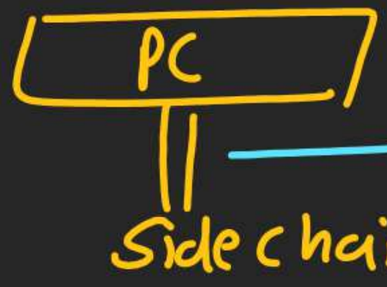


Name of side chain would end up with "yl"

(51)

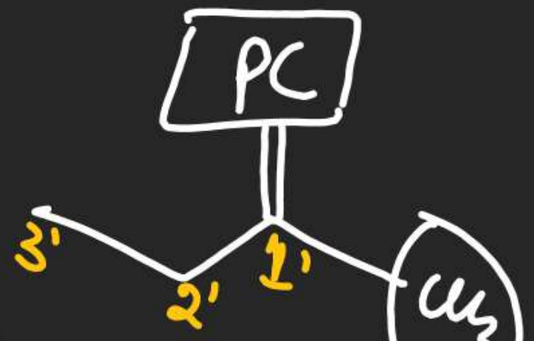
(1'-methyle Propyle)

(b)



"ylene" / "ylidine"

(52)



1'-methyle Propylidine

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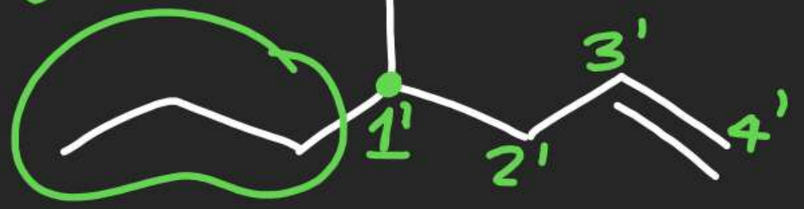
(53) PC



1'-Propyl But-3'-enyl

(54) PC

1'-Propyl But-3'-enylidine

(55) PC

1 CH_2

Methylene or Methylidine

(56) PC

1 $CH-CH_3$

(57) PC

1 C 2 CH_3 (CH_3)

(1-Methyl Ethylidine)

(58) PC

Cyclohexylidine

(59) PC

5,5'-diBromo Cyclopent-2'-en ylidine

(60) PC

1 $CH-CH=CH_2$ (2, 3)

Prop-2-enylidine

ethylene or ethylidine

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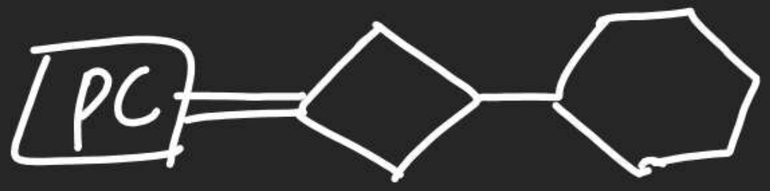
(61) PC

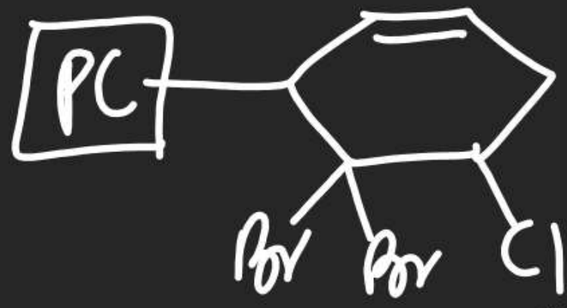
Eth-1-enylidine

(65)

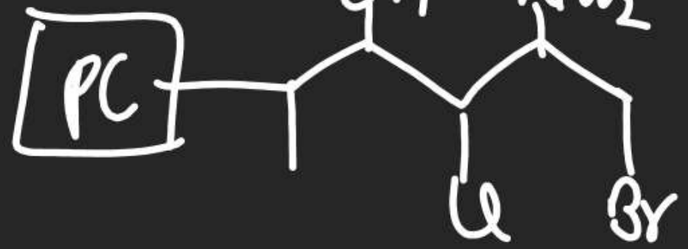
(62)



(63)



(64)



maths ⇒

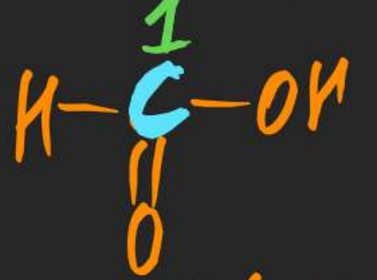
physics ⇒

(#) Naming of Carboxylic Acid :-

-COOH | $-CO_2H$

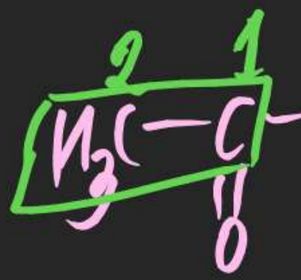
Prefix ⇒ Carboxy Suffix ⇒ oic Acid | Carboxylic Acid

(66) Formic Acid / Ant Acid /



Methanoic Acid

(67) Acetic Acid (Vinegar)



(Ethanoic Acid)

Nishant Jindal

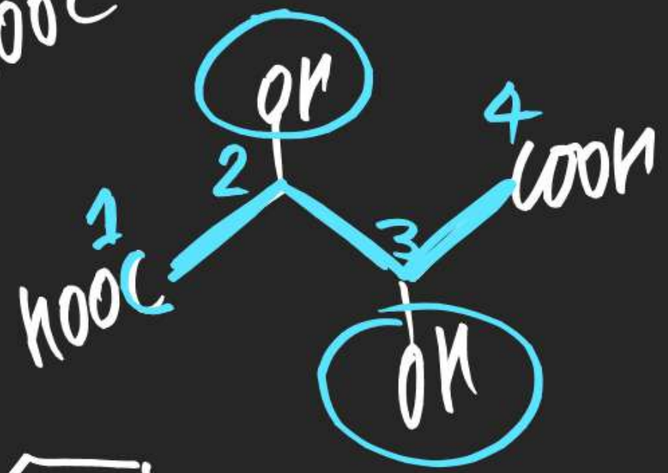
(68) lactic Acid

(69) ✓ Pyruvic Acid

2-Oxo propanoic Acid

(70) Malic Acid

(71) ✓ Tartaric Acid

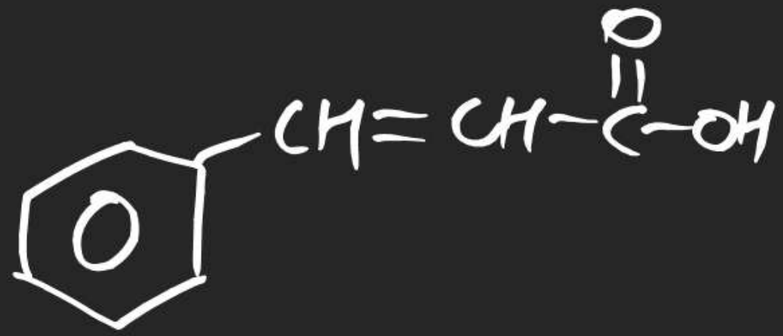


2,3-Di Hydroxy Butan 1,4-di Oic Acid

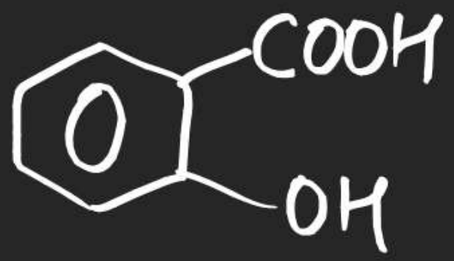
(72) Maleic Acid

(73) Fumeric Acid

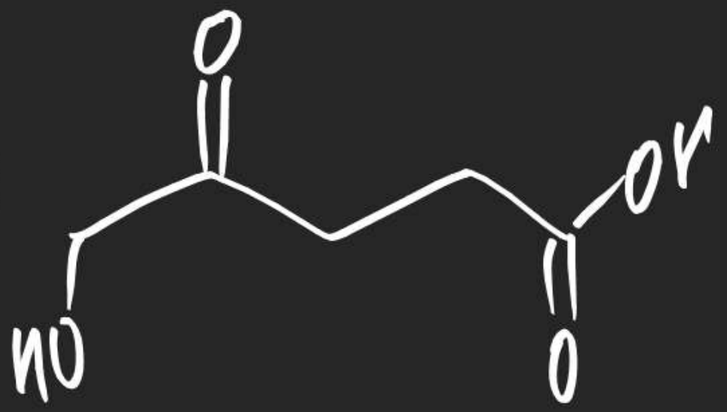
(74) Cinammic Acid



(75) Salicylic Acid



(76)

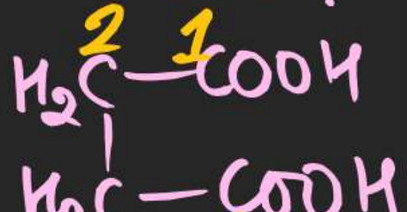


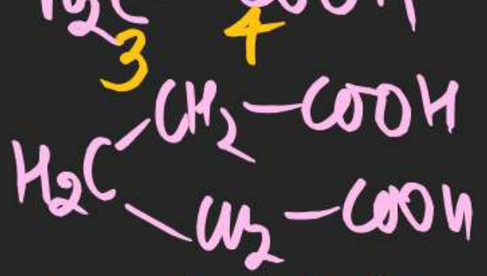
OMSGAP

$(CH_2)_n$(COOH)(COOH) Dicarboxylic Acid

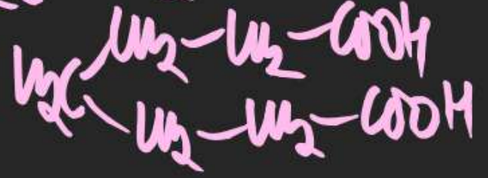
(77)  Oxalic Acid $n=0$

(78)  Malonic Acid $n=1$

(79)  Succinic Acid $n=2$ (Butandioic Acid) or Butan-1,4-dioic Acid

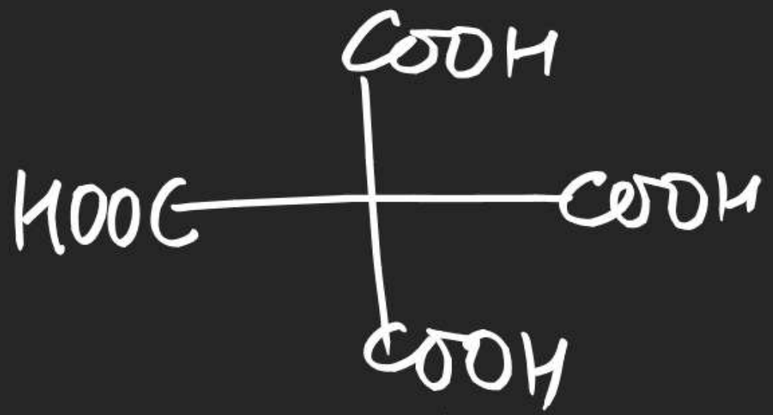
(80)  Glutaric Acid $n=3$

(81)  Adipic Acid $n=4$

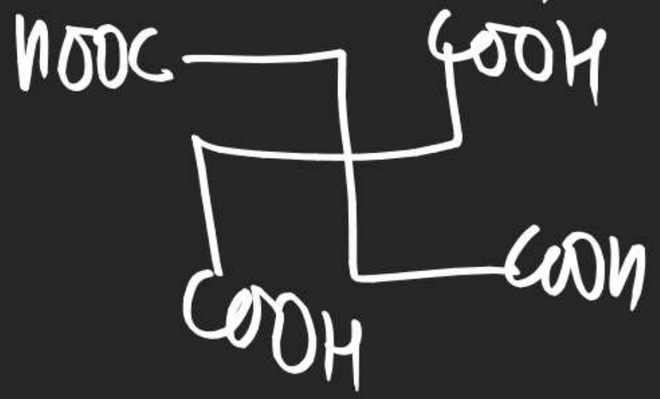
(82)  Palmitic Acid $n=5$

(83) Citric Acid

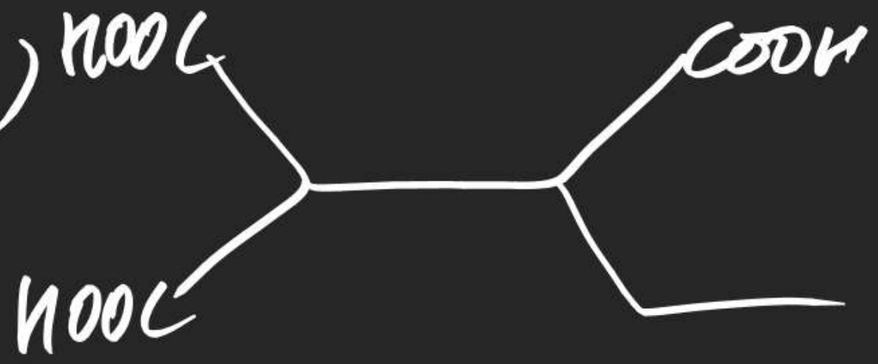
(84)



(85)

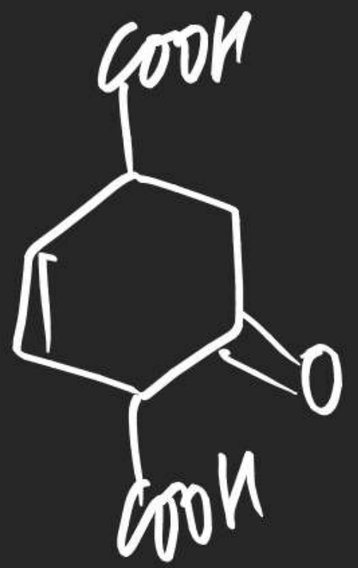


(86)



Note: If F.groups like
$-COOH/-CN/-COOR/-CHO/-COX$
are directly connected with Cyclic segment, then its Carbon is not considered in principal chain & cyclic segment is taken as a principal chain

(87)



(88)

(Boss) Oic Acid

2-Cyclohexyl Ethanoic Acid

(89)

(Boss) Carboxylic Acid

Cyclohexane Carboxylic Acid.