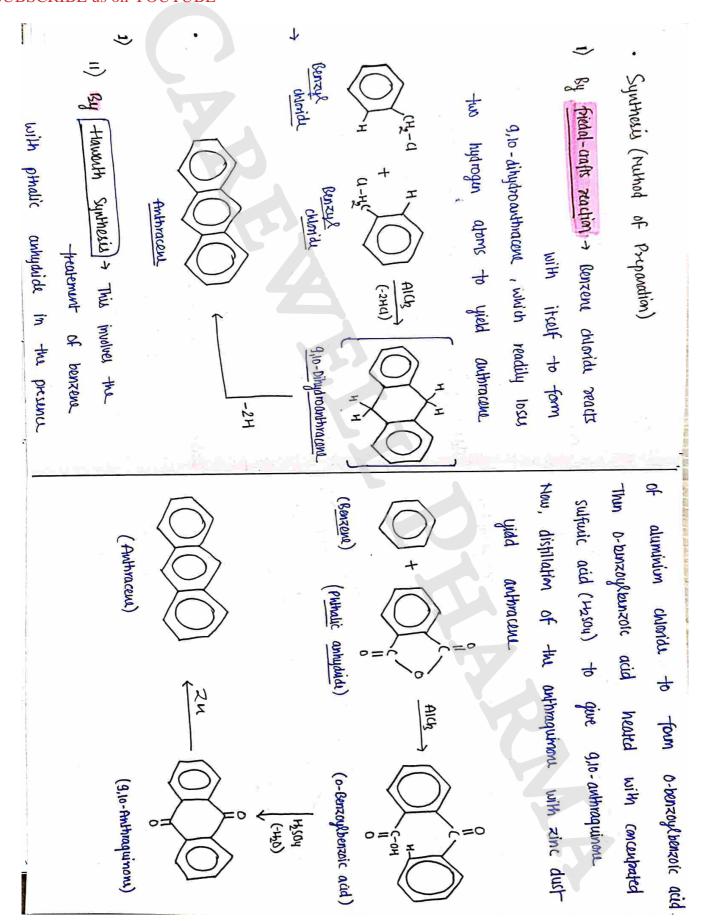
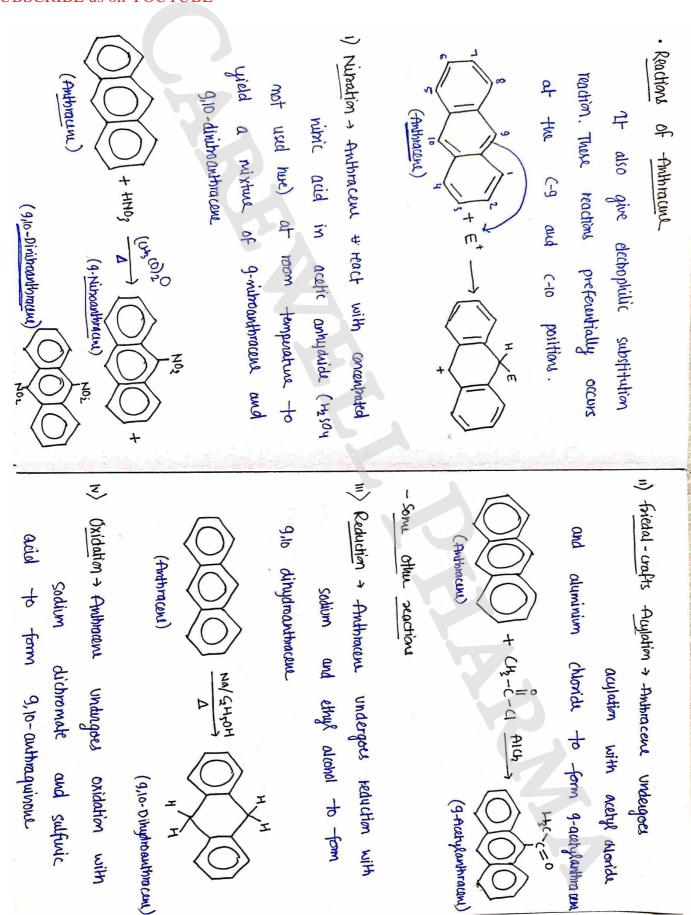


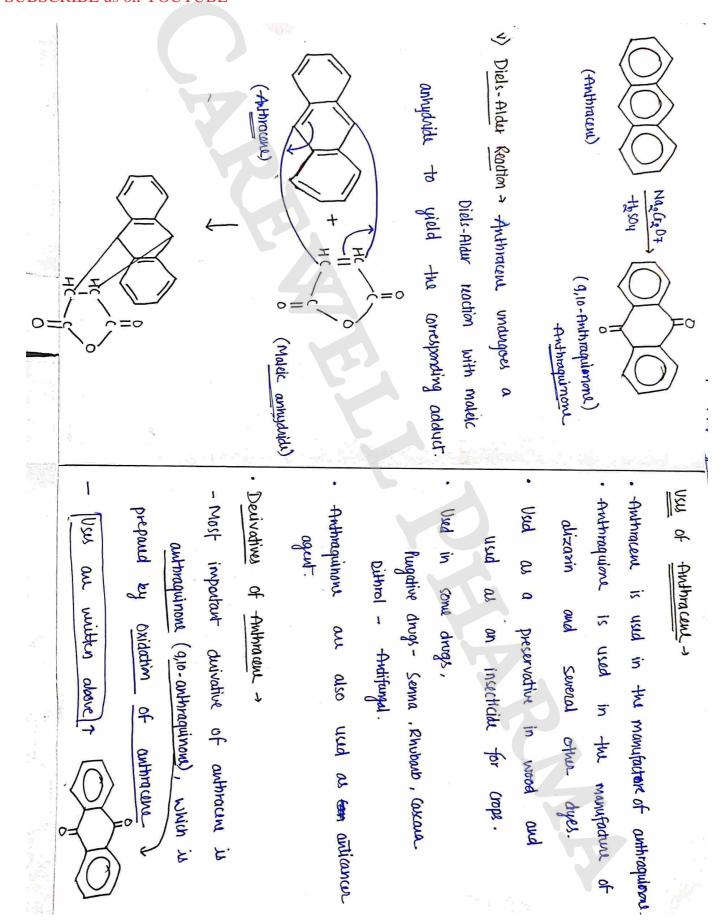
# Carewell Pharma

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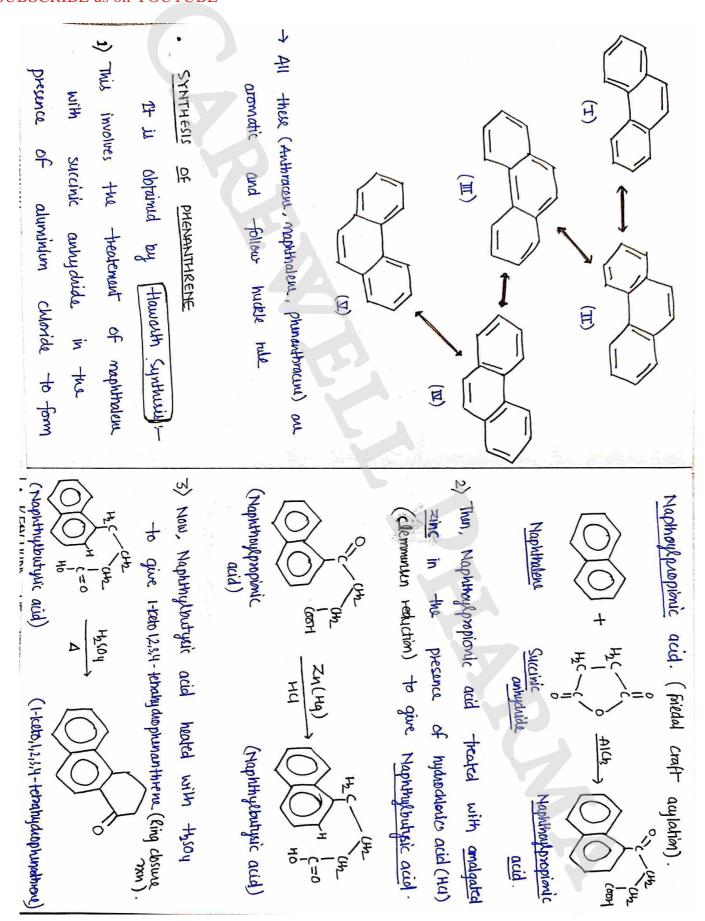


IN) By Diels-Alder Reaction -> This involves that reaction of 1,4-mapthaguinnne with 1.3-butadient The product (Diels-Alder adduct) of this reaction is acid to form 9,10-anthaguinant in glacial acetic now, Distillation of the authraguinant with zinc	(a-methylbenzophunone)  (by (anthrocure is heated at 450°C, anthrocure is heated at 450°C, anthrocure is heated at 450°C,	or nuthylune group to the carbonyl function is known as the EIBS Reaction.
- Physical properties of Anthracure -  - It is colorless solid.  - Nelting point + 298°C, Boiling point + 340°C.  - Insoluble in water and dissolve in benzame.	(1,4-Naphthaquiena) (1,3-Butadiena) (1,3-Butad	The Charles of the Arrangement o

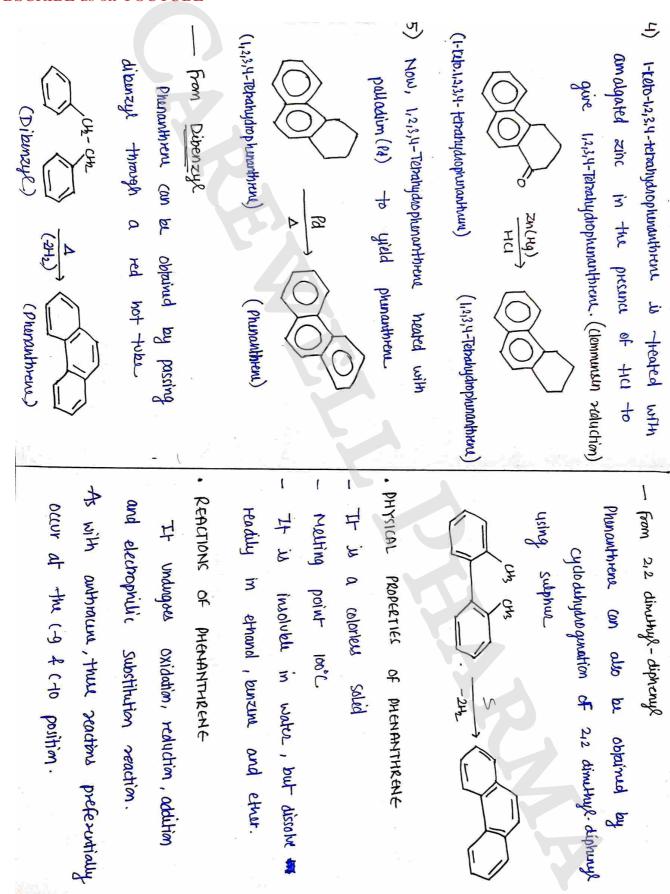




JOBSCKIDI		OTOBL				
and phenanthrene	16 PH				The may be obtained, along with authoraceuc.  -from the green oil paction of wal-tour.	Phonanthread
nand end	Considered to	According to becoment through the transmit the present is	and overlap of thus p outited product a The motecular outited.	The spe orbitals overlap with s-orbital of ten hydrogen  (-c and c-H & bonds		All -fourteen carbon atoms and spe hybridized.

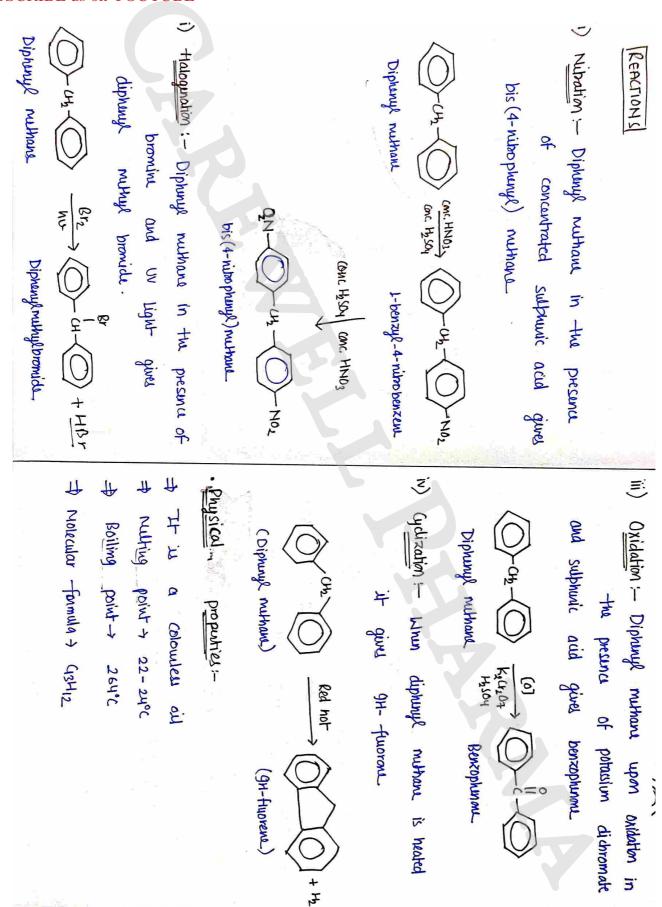


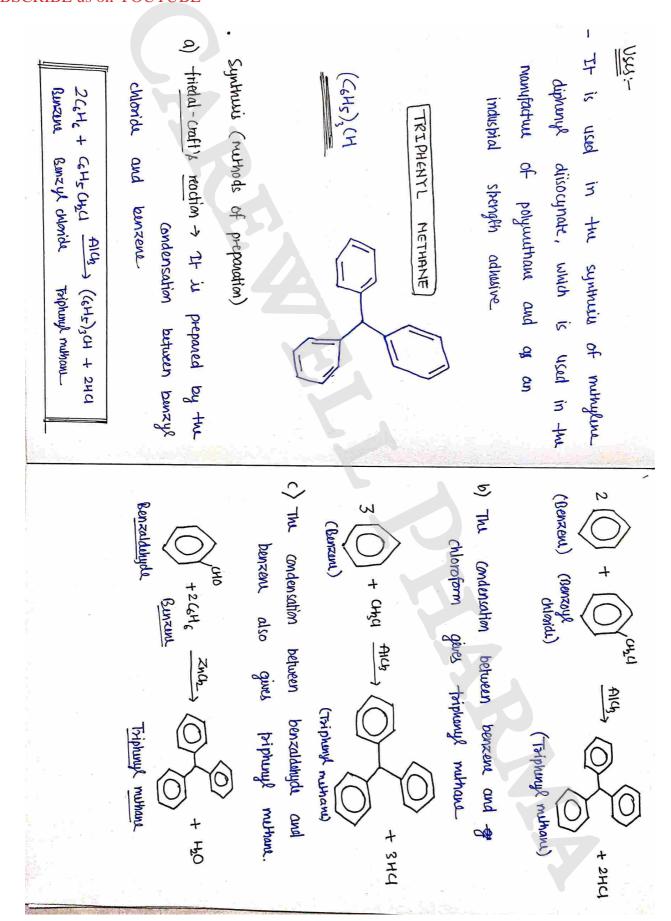
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Reduction - Dhunowthrene undurgous reduction with sodium and isopentand to form  9,10-dihydrophenanthrene	II) Nihation + Phuranthrend unduged numbers with a general general and sulfunic acid has yield general how how has head has head how how has head how how has head through head how commanthrend how (g-nithrophenouthrend)	give 9- acetylphunanthrene 0=C  (phunanthrene)  (phunanthrene)  (phunanthrene)  (phunanthrene)	£ 1-
- It is used to make dyes, plastic and pesticidus, also used in explosives and durgs.  - Atso used to make bill acids, charlos of stepoids.	$\frac{k_2 o_2 o_7}{k_2 sol_4} \qquad \frac{k_2 o_7}{k_2 sol_4} \qquad \frac{k_2 o_7}{k_2 sol_4} \qquad \frac{k_2 o_7}{k_3 cooh} \qquad \frac{k_2 o_7}{k_$	oxidation - phynounthrens undurgoes oxidation with potassium dichromate and sulfusic acid in acetic acid to form 9,10-phynounthraquinous.  Thurthur oxidation of this with hydrogen peroxids in acetic acid give diphynic acid.	(Phunanthrens) (9,10-Dihydrophunanthrens)

ii) from Benzene -> Dipnenyl nethane is also prepared from two moles of benzene and dichloromethane in the presence	(Benzyl Ulorida) (Benzulu) (Diphunyl muthana)	i) friedal-craft's reaction: - Diphunys muthoun is  prepared by Friedal-craft's  condunsion between benzys chlorida and benzene-	SYNTHESIS (Numod of Buparation)	4 3 2 2 3 4 5 5 6 5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5	DIPHENYL METHANE
(Originard) (Genzyl HI/P) (Diphunyl muthand) (Genzyl Orlonid)	Diphunys r	and hydroiodic acid.	iii) -from benzophunone, which is beduced	(Benzene) (Dichara) (Diphanyl muthaus)	of aluminium culoridy. (friedal-craft) s condension).





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