Aexomatic aldehyde and Ketone

	^		. 0	a sa da
->	Teneral	method	0-1	preparation.

1) From Benzoy1 chloride.

Benzalderode

(2) From tolver.

Binzaldehyd.

1 Gathermon Koch seactionic CHO

Triedal craft acriation. E-R

Acronatic letone.

properties of aeromatic aldehyde and Ketone is similar to that of allehatic aldehyde and Ketone enpect. For few expection.

1 Acromatic aldehyde connot reduce fehling's solution.
1 Acromatic Ketone doesnot react with sodium hydrogen sulphite

Benzoine condensation reaction!

when benzolderyde.

is treated with alcoholic alcholic potassium conide

it produces Benzoine.

O-"-H +H-" O alc. KCN O-CH-"-O
Benzoine.

is treated with a cetic anhydride in presum of sodium acetate, cinnamic acid is formed. This reaction is called positions condensation reaction.

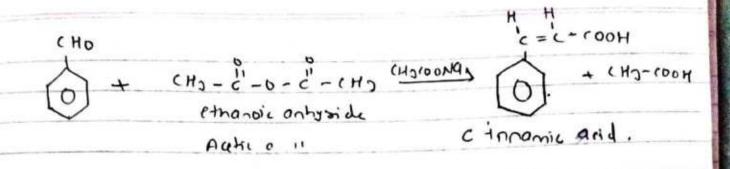


Fig Resonana str. of benaldery de.

	CHO			CHO		
	(i) +	BYL	FIB12)	(B)	+ H (38	
-					no brazal	مادراما
(2) Nit	I. CH				CHO	
(2) N14	sanon:	7 + 10	00 · HA100	(07 . H110A)	[0]	4.4
						02
				m -	nitrobinz.	aldehy
B Sc	olphonation:					
0	CHO				CHO	
0				1 m	^	+
	0	+ (000	. H2CO4.	A 1	07	1
	0	+ (0)(. H2CO4.	L	0) 5031	
		+ (0)	. H2CO4.	L	O) sozi	1