

Aulia

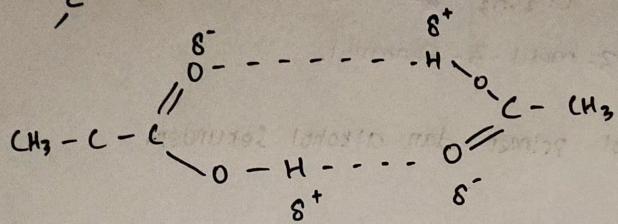
# Tugas Pengganti Kuliah Kimia Organik Pertemuan ke 1a.

Nama : Mia Aulia

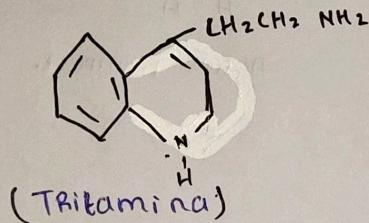
NPM : A 202 007

1. a). Dua senyawa asam karboksilat

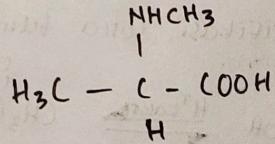
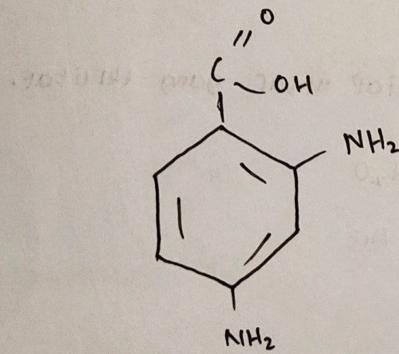
$\text{C}=\text{O}$  dan  $\text{O}-\text{H}$ .



- b). Dua senyawa amina.



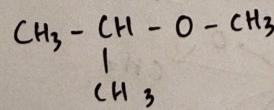
- c). Senyawa asam karboksilat dengan senyawa amina



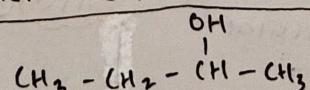
Asam - 2 - (N - metil amino) Propanoat.

Asam 2,4 - diamino - benzoat

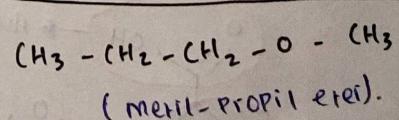
- 2). Gambar senyawa isomer metil isopropil eter.



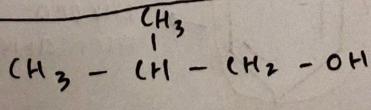
(metil isopropil eter).



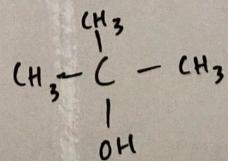
(2 - butanol).



(metil - propil eter).



(2 - metil - 1 - propanol)

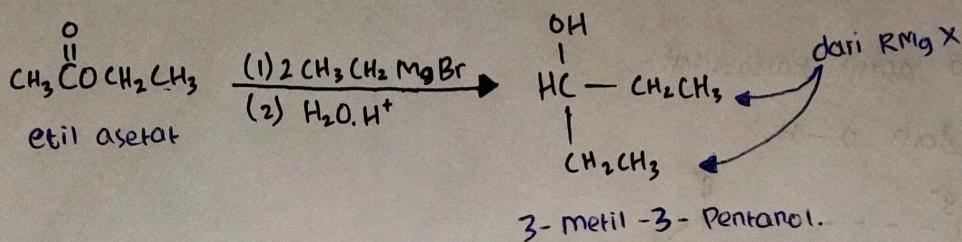


(2 - metil - 2 - propanol).

3. Pembentukan alkohol melalui reaksi grignard.

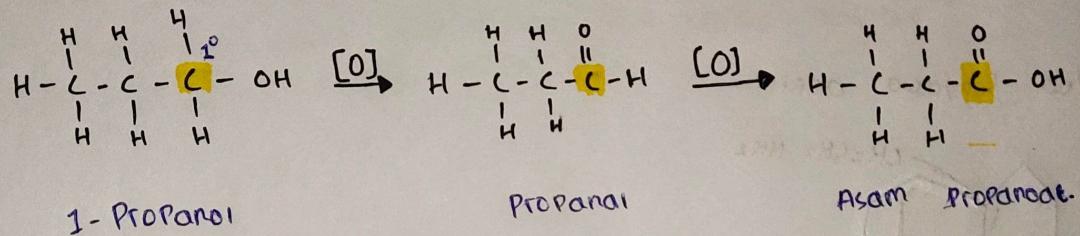
Contoh:

Alkohol tersier dari ester lain.

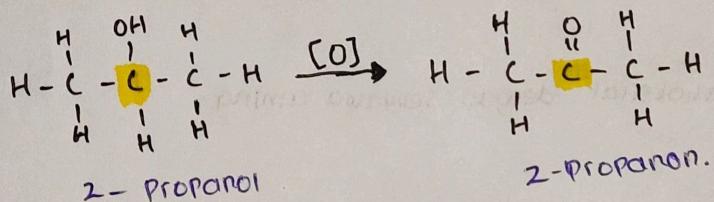


A. Contoh Reaksi Oksidasi dari alkohol primer dan alkohol sekunder.

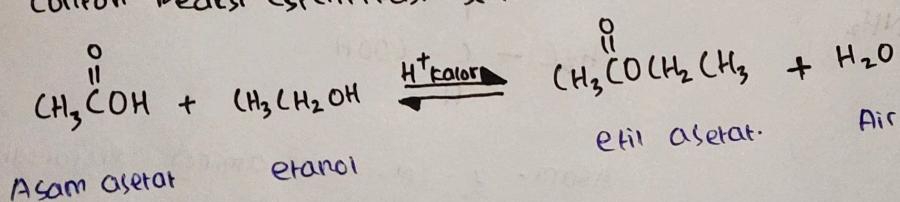
a). Reaksi alkohol primer



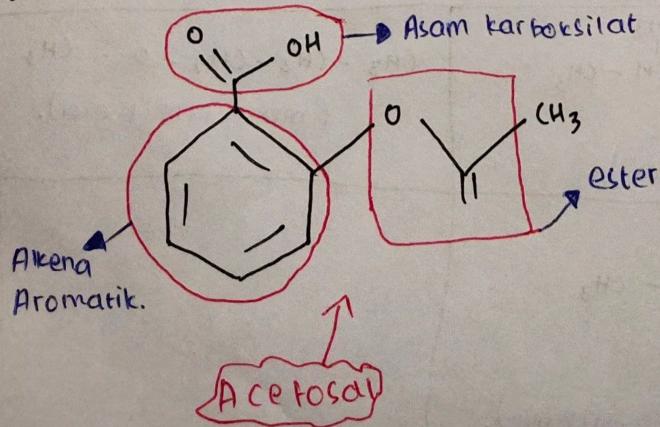
b). Reaksi alkohol sekunder



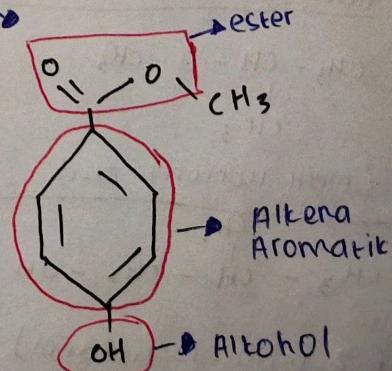
5. Contoh Reaksi esterifikasi serta tuliskan nama setiap unsur yang terlibat.



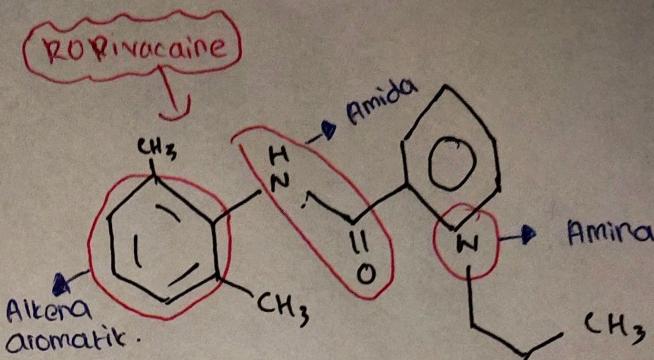
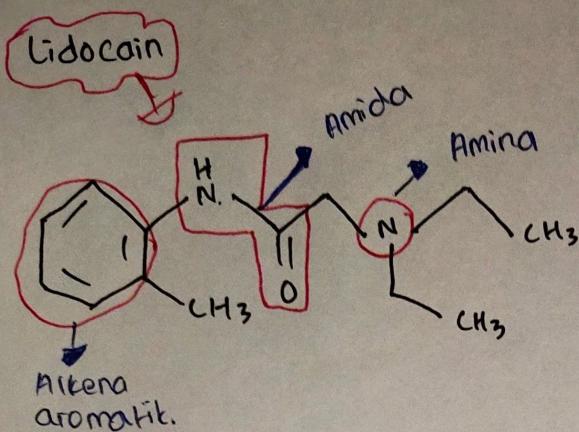
6. Senyawa obat yang memiliki gugus fungsi



Nipagin

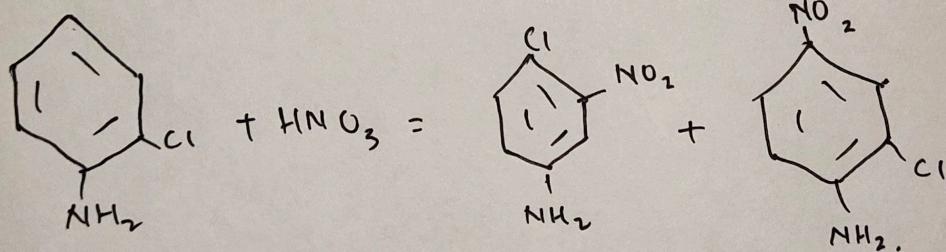
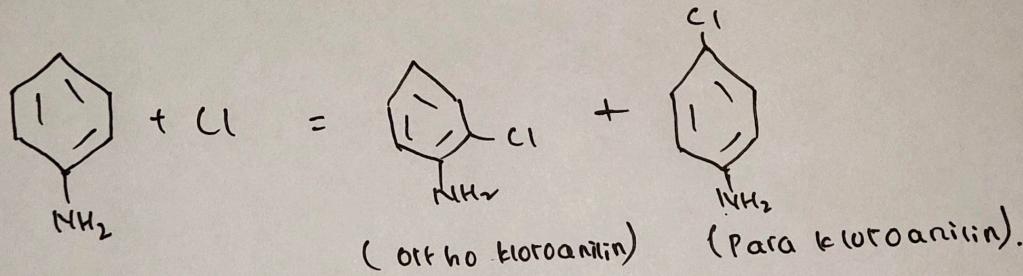


Terusan no. 6.



7). Contoh Reaksi substitusi kedua dan ketiga bila anilin direaksi dengan klorida dilanjutkan dengan asam sitrat.

Substitusi 2.



Substitusi 3

