



SENYAWA ALKUNA

**UNIVERSITAS AN NASHER
FIKES
PRODI SARJANA FARMASI**

ALKUNA ?????

**HC ALIFATIK TAK
JENUH, ADA IKATAN
RANGKAP 3 PADA
RANTAI KARBONNYA**

RUMUS ???

(C_nH_{2n-2})

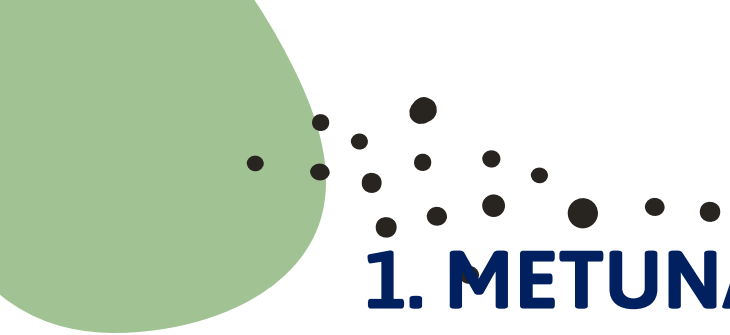
...UNA

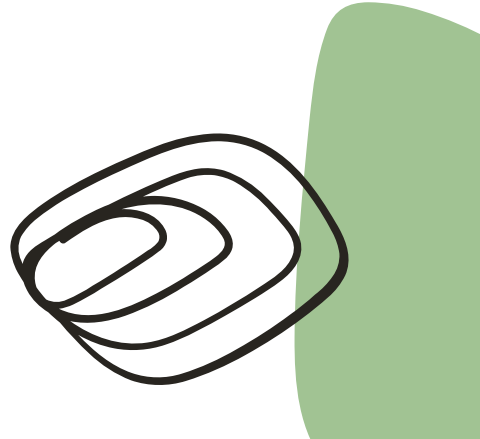
C_2H_2

C_3H_4

...

**TATA NAMA
SENYAWA
ALKENA
(C_nH_{2n-2})**

- 
- 
1. METUNA
 2. ETUNA
 3. BUTUNA
 4. PROPUNA
 5. PENTUNA

- 
- 
6. HEKSUNA
 7. HEPTUNA
 8. OKTUNA
 9. NONUNA
 10. DEKUNA

STEP, SAMA DG ALKENA, BEDANYAA..



01

**CARI RANTAI INDUK
(PLG PJG)**

Yg paling byk dilalui
cabang

**CARI RANTAI CABANG
(ALKIL)**

**PENOMORAN DIMULAI
DEKAT RANGKAP**

**JIKA CABANG SAMA ->
DIBERI AWALAN 2,3,4,5
(DI, TRI, TETRA, PENTA)**

**JIKA CABANG BEDA ->
DIDAHULUKAN URUTAN
ABJAD**

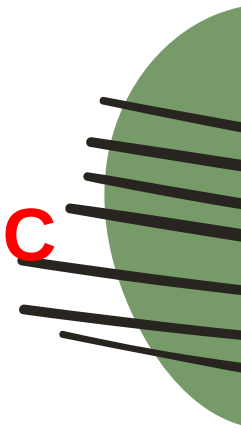
02

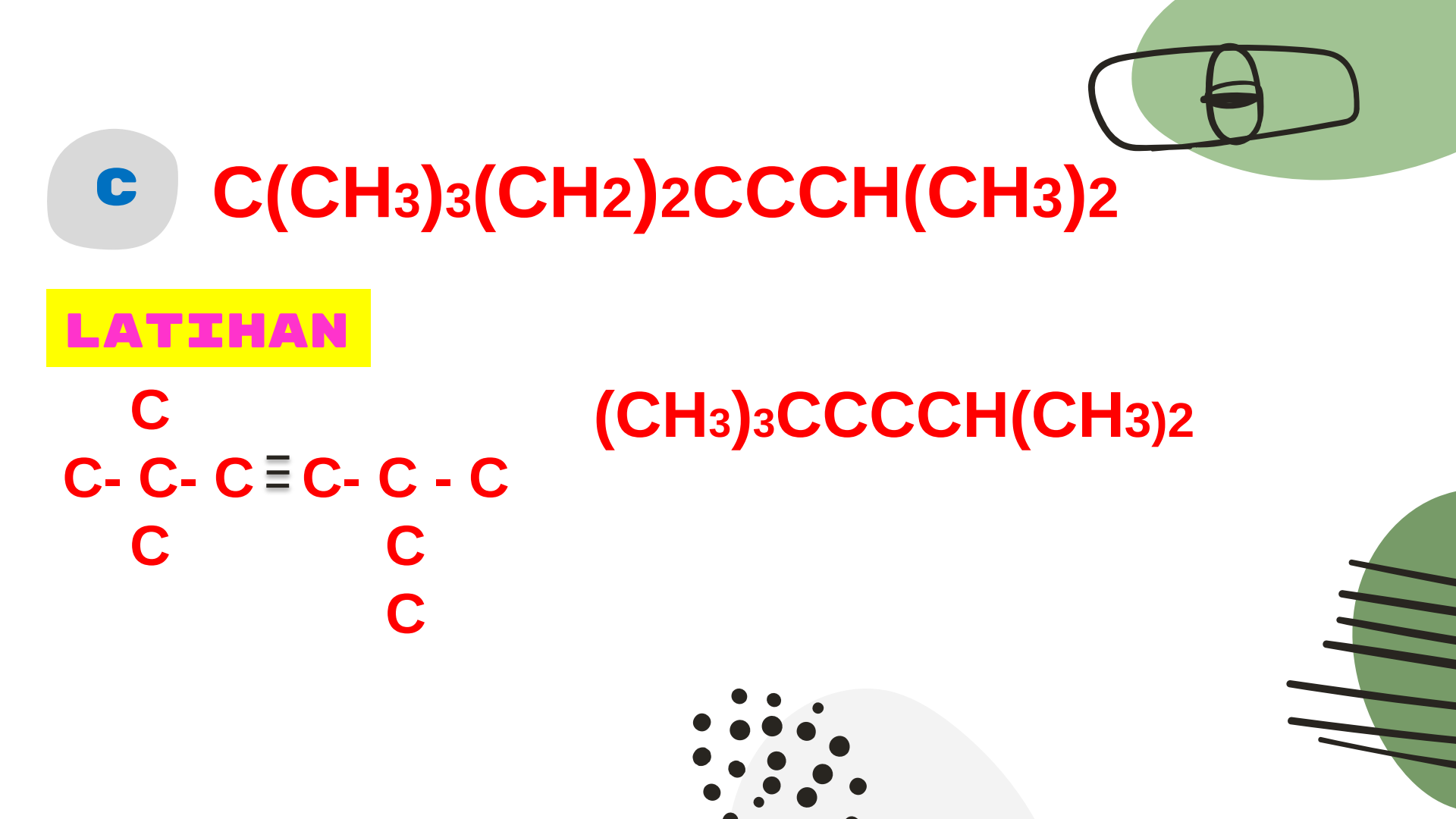
**DIMULAI DARI YG DEKAT DG RANGKAP
3**

**JIKA POSISI RANGKAP SAMA, MAKA
DIMULAI DG YG DEKAT CABANG**



B

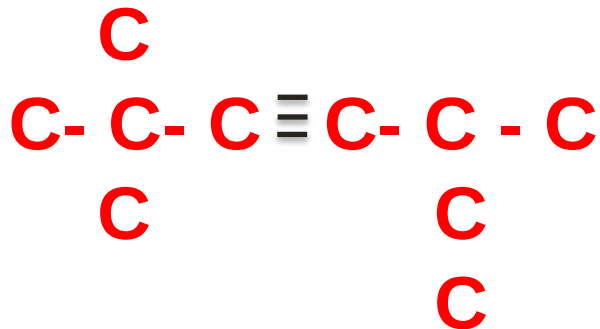




C

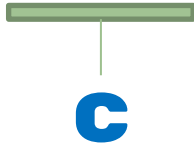


LATIHAN

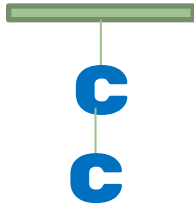


CABANG ALKIL

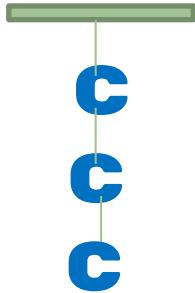
**01
METIL**



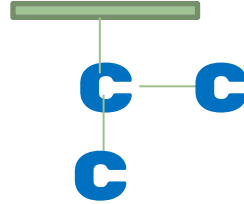
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ETIL**



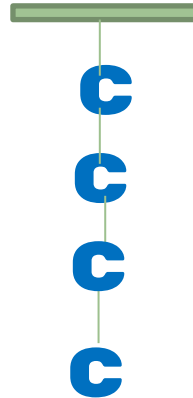
**03
PROPIL**



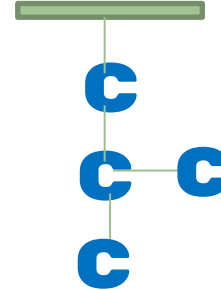
**04
ISOPROPIL**



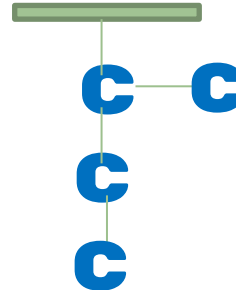
**05
BUTIL**



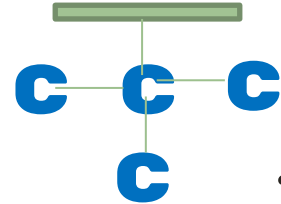
**06
ISOBUTIL**



**07
SEKUNDER
BUTIL**



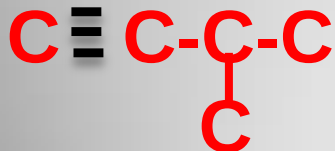
**08
TERSIER
BUTIL**



ISOMER ALKUNA (Rumus umum sama, tapi...

1. **RANGKA** (**RANGKA BEDA**)
2. **POSISI** (**BEDA POSISI RANGKAP**)
3. **FUNGSI** (**BEDA GUGUS FUNGSI**)

1



2



3



ALKUNA

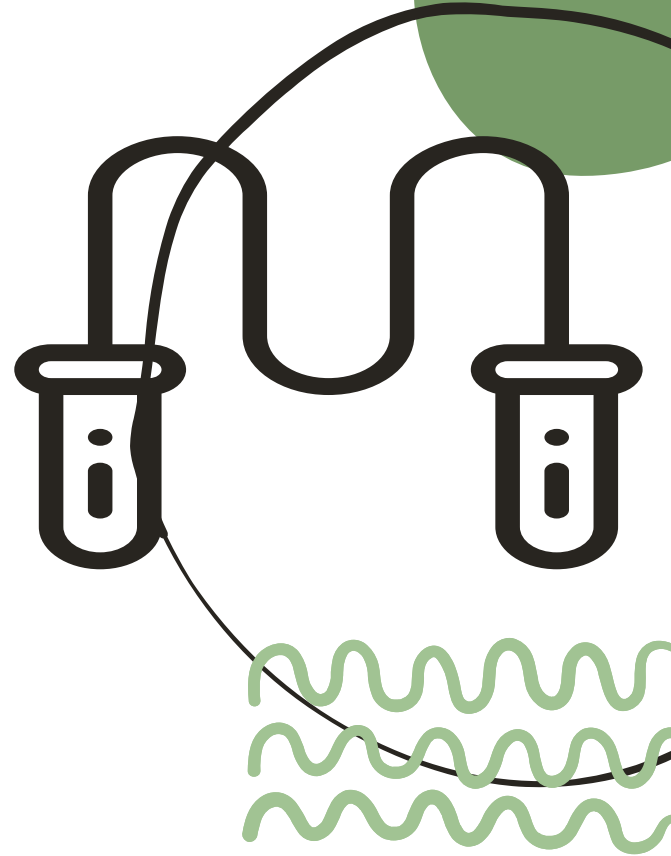


ALKADIENA



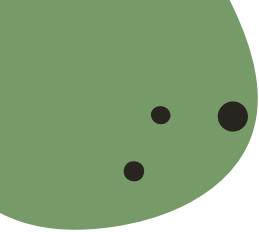
EXERCISE

ADA BERAPA
ISOMER C_5H_8 DARI
GOL ALKUNA DAN
ALKADIENA!!



Tentukan nama IUPAC dari





Buatlah struktur senyawa berikut:

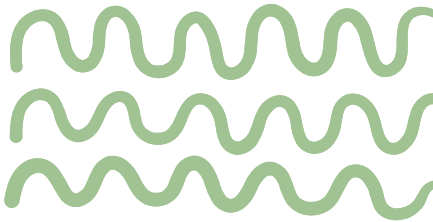
6. 6-metil-2-nonuna.

7. 5-etil-2-metil – 3-oktuna.

8. 4,7-metil 2-nonuna.

9. 4-etil , 3,8-metil, 1,9-dekadiuna

10.3-metil, 1,6-heptadiuna





**THANK
YOU**

ANY QUESTION