
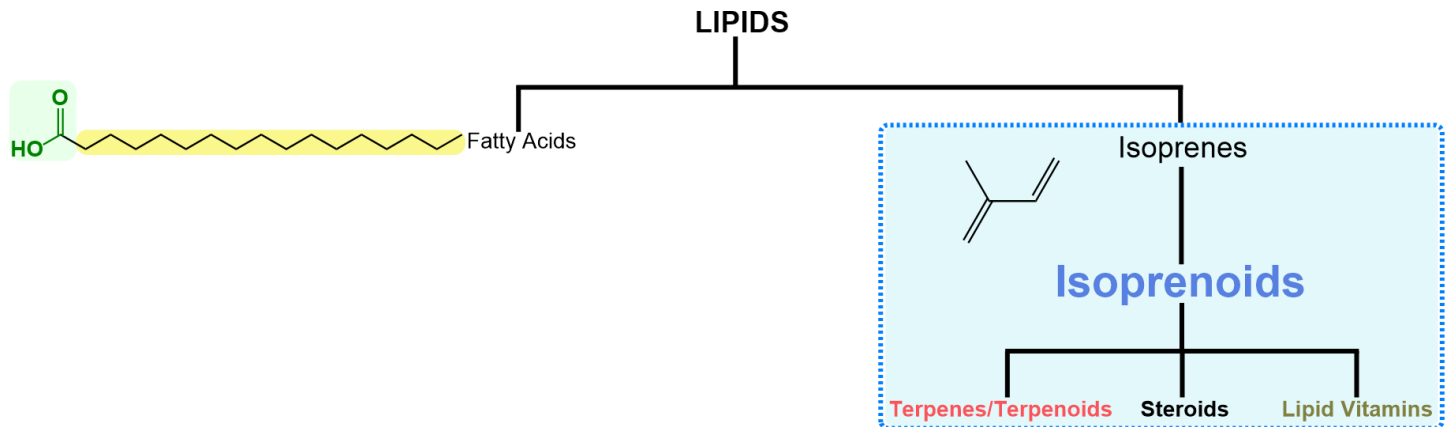


CONCEPT: ISOPRENOIDS

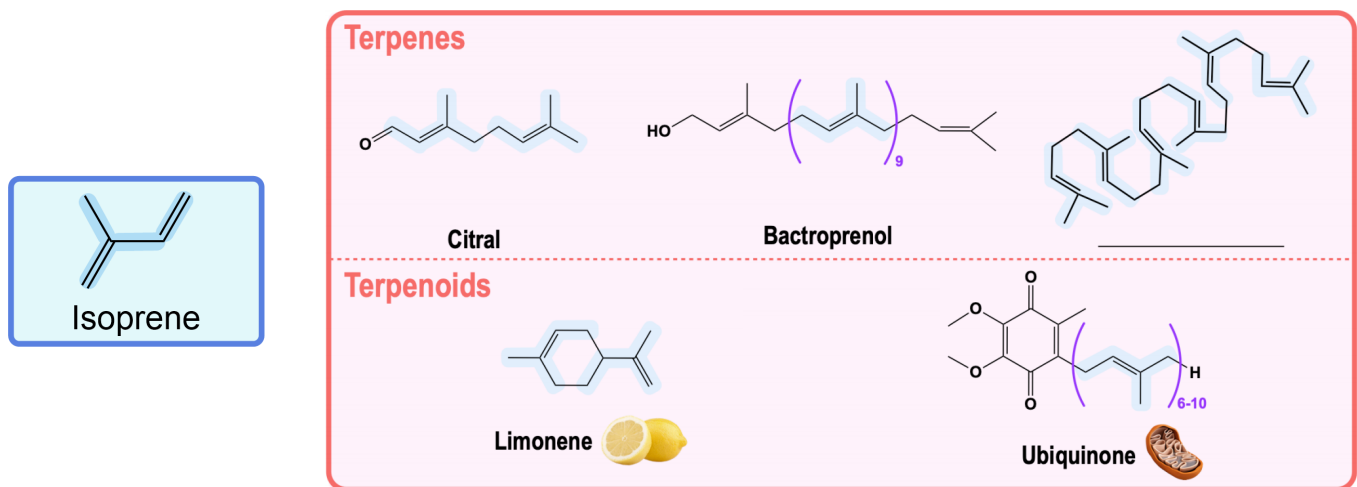
- _____: lipids constructed from ≥ 2 units with the *same* carbon skeleton of _____.
 - Isoprene (2-methyl-1,3-butadiene): a 5-carbon molecule. 
- Isoprenoids include: 1) _____/Terpenoids, 2) _____, & 3) Lipid _____.



Terpenes & Terpenoids

- _____: *simple, linear* isoprenoids with structures that more clearly reveal they're derived from *isoprene* units.
- _____: more *complex* isoprenoids derived from *extensively modified terpenes*.
 - Have additional functional groups & tend to be *cyclic* compounds.
- Generally, in simple terpenes/terpenoids, the #-of-methyl-group-_____ reveals the #-of-isoprene-units.

EXAMPLE: Terpenes & Terpenoids.



PRACTICE: How many isoprene units are present in the terpene molecule shown below?

- a) 2. b) 3. c) 1. d) 8. e) 5. f) 6.

