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Quiz 29

1. Draw 16:0.

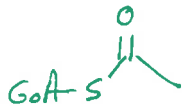


2. How many acetyl-CoA are required to synthesize 16:0? 8

3. Circle the carbons on your drawing that are added via malonyl-CoA.

4. How many redox reactions are required to synthesize 16:0 from acetyl-CoA?

14



$$4 \times 8 = \underline{32}$$

$$\begin{array}{r} 16:0 \\ 15 \\ 28 \\ \hline 46 \end{array}$$

$$\begin{array}{r} 46 \\ -32 \\ \hline 14 \end{array}$$