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(54) Title: PRODUCTION OF OMEGA-HYDROXY FATTY ACIDS AND THEIR DERIVATIVES USING ENGINEERED CELLS

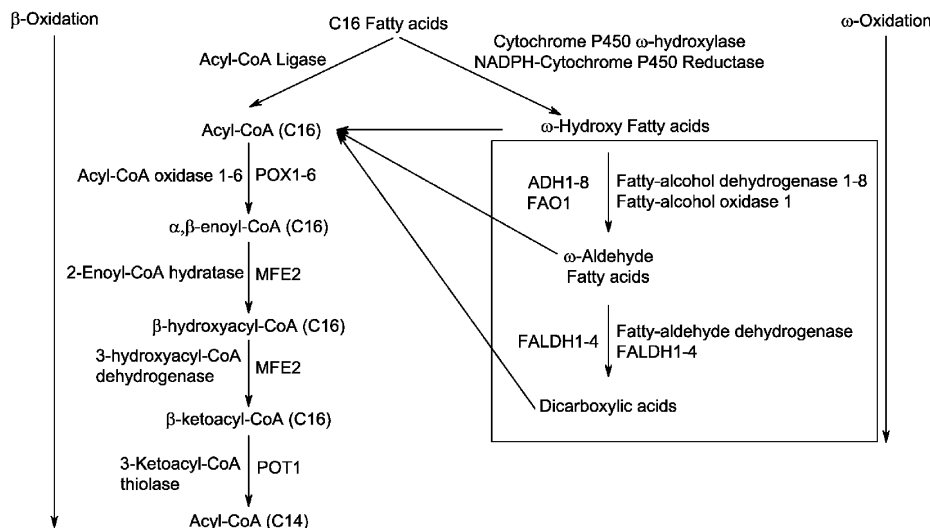


Figure 1

(57) Abstract: Methods for producing macrocyclic molecules, particularly omega-hydroxy fatty acids, are described. The methods involve the use of engineered cells having modified biochemical pathways that allow them to efficient produce omega-hydroxy fatty acids from C16 precursors. The resulting omega-hydroxy fatty acids are useful for the production of perfumes and other scented consumer products.

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