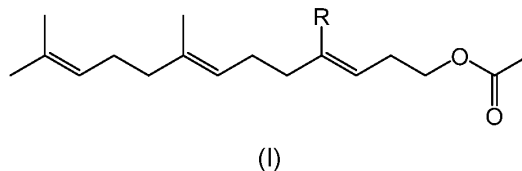
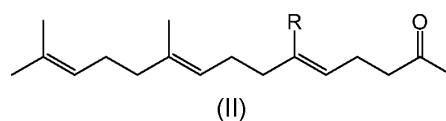


Claims

1. A method of producing an acetate of formula (I)

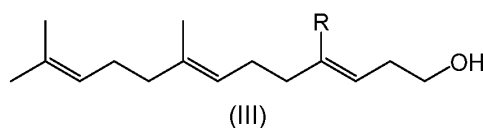


wherein R is methyl or ethyl,
from ketone of formula (II)



wherein R has the meaning given above,
the method comprising contacting the compound of formula (II) with a Baeyer-Villiger
monooxygenase (BVMO) enzyme in the presence of a cofactor .

2. The method of claim 1, wherein the cofactor is selected from NADH, and NADPH, or
a combination thereof.
3. The method of claim 1 to 2, further comprising the presence of a cofactor
regeneration system.
4. A method of claim 3, wherein the cofactor regeneration system is alcohol
dehydrogenase enzyme in combination with isopropanol.
5. The method of claim 1 to 4, wherein the method further comprises hydrolysis of the
acetate of formula (I) to an alcohol of formula (III)



wherein R is methyl or ethyl.