

CHEM 8410_6410_4410 - Organic Synthesis

Quiz #3 of 5 10 F	PTS	Instructor: Room #:	Prof. Andreana FH 2030
Your Name: Student Number:			
1) Provide the structure of produsequence of the reaction. 4 PTS		intermediates in the	following
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B (C₈H₁₂O₂)



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2) When compound **1** is treated with aqueous acid and heated, a compound with the molecular formula of C₈H₁₂O₃ is formed. What is the structure of this compound? Provide a mechanism. **2 PTS**

Answer:

3) Propose a synthesis of compound 2 starting from acetic acid. 4 PTS

Starting Material

Target Molecule

Answer: