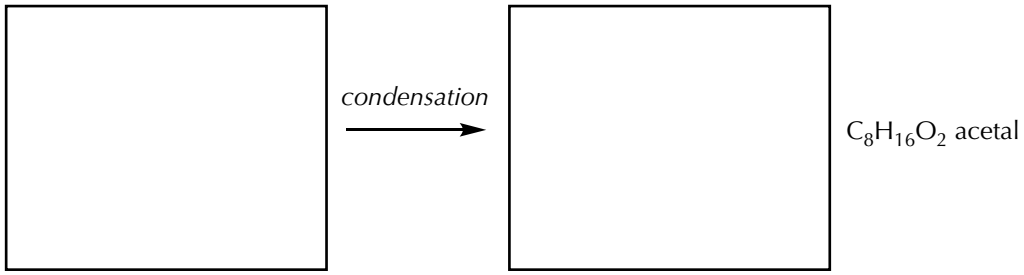
Problem of the Day 09
CH 12
Question 12.17

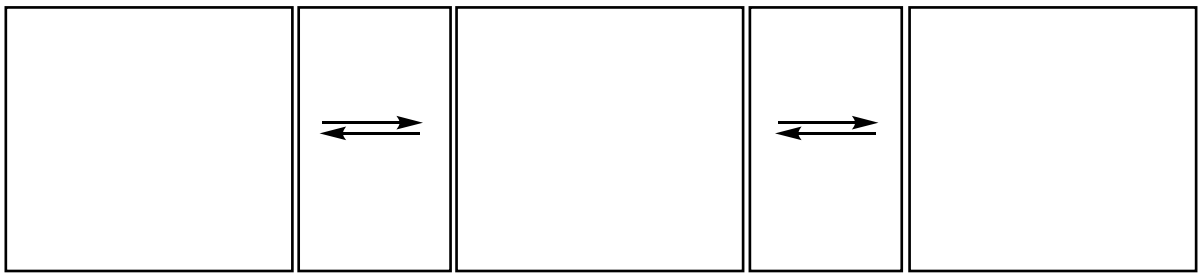
Instead of forming a cyclic acetal with the molecular formula $C_8H_{16}O_2$, show the equation and overview reactions for the hydrolysis of a cyclic dithioketal with the molecular formula $C_8H_{16}S_2$.

12.17

balanced equation

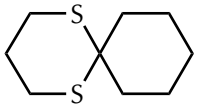


overview



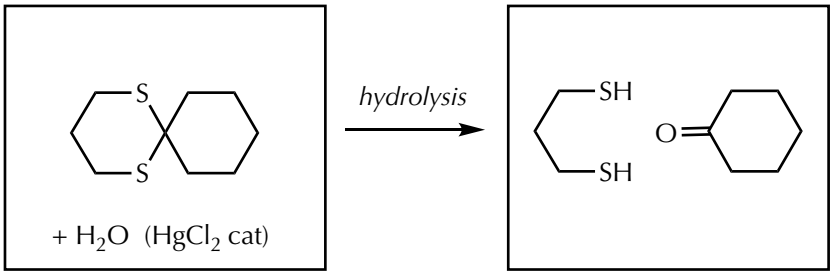
Hydrolysis of a cyclic dithioketal with the molecular formula $C_9H_{16}S_s$

2 units of unsaturation needs to be a dithioketal



balanced equation

$C_9H_{16}S_2$ dithioketal



overview