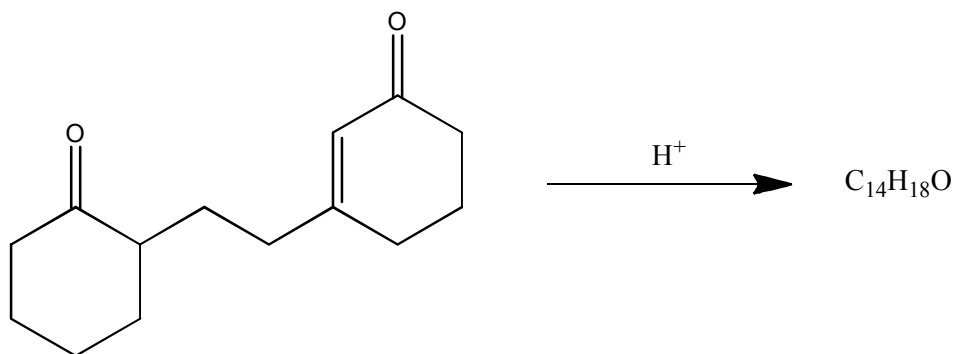


1. Predict the enone product, under thermodynamic control, with detailed reasonings.



2. Identify "X" and propose a detailed mechanism.

