CH 2280

Pre-lab: Green Chemistry – Hydrogenation of Chalcones

Name_____________________________ Section/TA________________________

1. How many mmol are there in 1.00 g of your chalcone product? (Presume your product is 100% pure.) (Show your work. Don’t just give the answer.)

2. How many mmol of ammonium formate would you need to react with 1.00 g of the chalcone? The stoichiometric ratio is 7.5 mmol ammonium formate/1 mmol chalcone. (Show your work. Don’t just give the answer.)

3. How many grams of ammonium formate is that? (Show your work. Don’t just give the answer.)