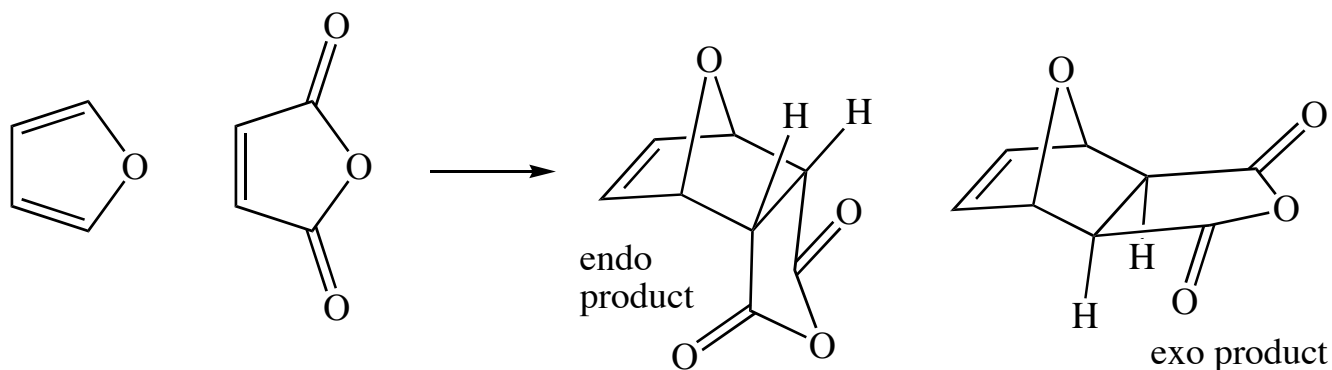


## Exercise 68 - Kinetic/Thermodynamic Products

### Question

This is an example of a Diels-Alder reaction, one we will look at in glorious detail in Chem 2600. Note how the product distribution changes over time.

- Given that this reaction consists of a single elementary process, sketch the reaction profile diagram for the formation of both products
- Identify the kinetic and thermodynamic product..
- Change the reaction arrow to something more appropriate.
- What is the stereochemical relationship of the two products?



Reaction time:	Product Distribution:	
10 minutes	95	5
2 hours	10	90