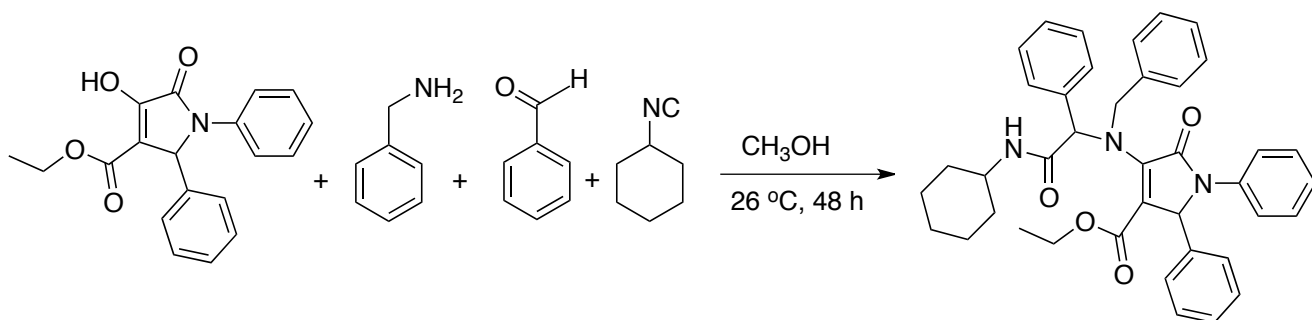


1. Propose a suitable mechanism for the following transformation:



2. Explain the stereochemical outcomes on reductive ring expansion:

