



ORGOREVIEW

Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

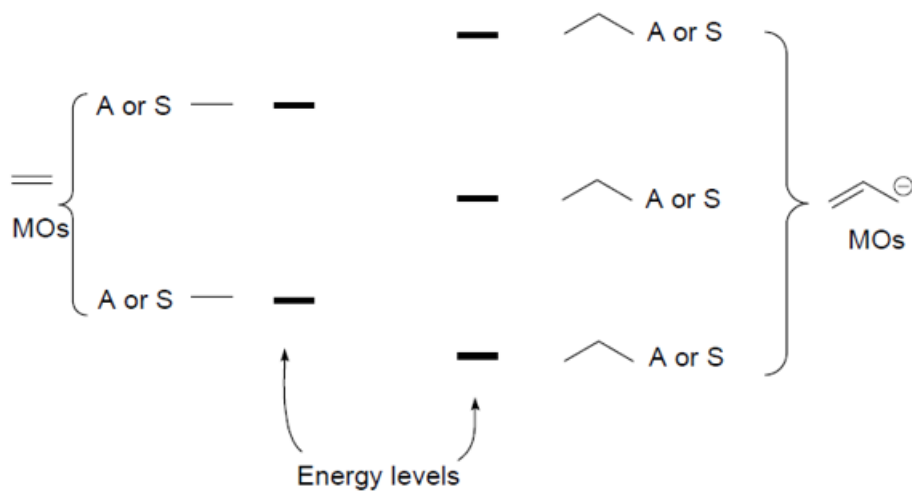
Share

The Diels Alder reaction is an example of a cycloaddition reaction. Another possible cycloaddition reaction is the reaction of a diene with a allyl cation to give a seven membered ring. Complete the MO energy level interaction diagram shown below and determine if the reaction is allowed or forbidden.



Complete the following steps:

- Draw the MOs, butadiene on the left, the allyl cation on the right.
- Indicate which levels are occupied with electrons.
- Label each MO as symmetric or antisymmetric by circling (S) or (A) for each MO.
- Check the appropriate blank to indicate if the reaction is allowed or forbidden.



Check one: Allowed ☐ Forbidden ☐

How to Reach Us

Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431
E-mail: help@orgoreview.com

Links

[Contact](#)

[Terms](#)

[Privacy Policy](#)

follow us

