The Diels-Alder reaction between the diene from part (c) with the dienophile from part (a) is predicted to give a mixture of structural isomers rather than a single major product. What are they and why is there a mixture?

- no anticipated regioselectivity (the directly attached groups on the diene are the same, electronically)
- no anticipated stereoselectivity (the orientation of the sidechain is always away from the ester group thanks to the endo transition state)