

Prob set 9; chem 131(231)A

Analyze the following diastereoselective transformations.

- [a] Determine whether a r_e or a s_i face attack is illustrated.
- [b] Illustrate the preferred approach of the nucleophile to the substrate.
- [c] The first transformation is consistent with the Felkin-Anh model. The second is not. Suggest a reason why the second deviates. [Hint: Consider the substances formed from the Schlenk equilibrium of the Grignard reagent.]

