Photochemistry Problem Set

AAW-10-26-07

1) What is A? What is the structure of the dimer?

Ph Dimer
$$\lambda_{\text{max}} = 380 \text{ nm}$$

$$\tau = 9 \mu \text{s}$$
not isolated

2a) Rationalize the stereoselectivity.

2b) Predict the predominant regiomer based on an FMO-based analysis.