Problem set 15
chem 128 / 228
spring 2003

Hints: a, diastereoselective condensation chemistry
b, today’s Friday ... this one’s in anticipation of Monday’s lecture

a, LDA, THF; o-2
(via
Zimmerman-
Traxler transition state)

Traxler transition state [See text & class notes ]

b, Ph, P(Bu₃), CH₂Cl₂, ~ r

P(Bu₃)

(5 mol %, or so)

DCC = \( \bigg\{ \text{formulate a mechanism for the esterification that uses both of these} \bigg\} \)

DMAP = \( \text{in} \)