### Ends continued Ch25

#### Good electrophiles?

#### Li-enlates company-july stable

#### Alleghion of esters

#### add ever to solution of base and bully exe

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#### alleglation us acids

Two eq. base needed!

Li-enolules your for SUZ

with Ketones, estas, acids

La Beunze Go complexes with Oxygon if laga loss are used (ke, Coo, Law) generate nove seperated louic bonds => O-alkylation

#### What about aldelightes?

a) Enquires from allehole an 20 anine

- was well with reachive of high halides

## Keton allylation and regioselectivity

Themodynamic Us. Kinetic enounce fourtion

Mostly Harodynamic enoughs fared

$$\frac{e_{x}}{E_{3}\nu} \xrightarrow{TA5-c1} \frac{O-5i}{F_{3}\nu} \xrightarrow{Ticl_{M_{3}}} \frac{C1}{(S_{3}\nu A'_{13}\nu)} \xrightarrow{Ticl_{M_{3}}} \frac{C1}{(S_{3}\nu A'_$$

Kinetic endutes ?

-> Strong base at low T

# Conder sation of cutony co-pounds

<u>Ch 26</u>

RKKR

Efficient if one componend lases d. M. !!

Sult = good LG!

alternatively pyridine to used

### Li-endutes in aldols occure via cyclic TS

ex crossed with benz helphop

=> ly fluence on Steven chemestry

Ethyl Scene

LL OEL Stable enough => drives eq. !

## Aldoles with enolates from 1,3-dicutoryls