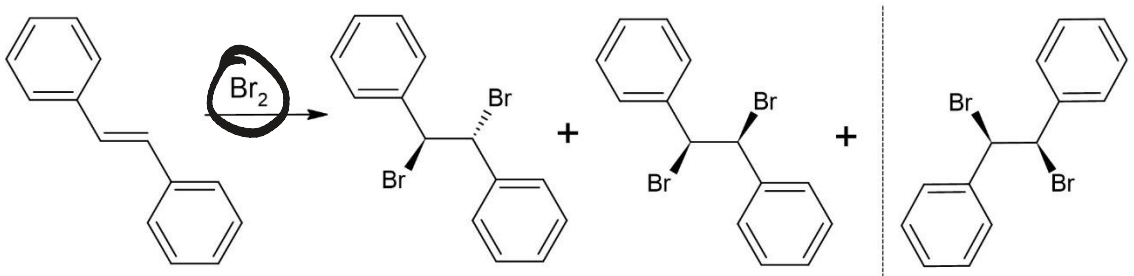
Bromination of E-Stilbene

128K/120K

10/19/26

meso d l



E-Stilbene (E-1,2-diphenylethene) | *meso*-Stilbene Dibromide (1R,2S)-1,2-dibromo-1,2-diphenylethane | *d*-Stilbene Dibromide (1S,2S)-1,2-dibromo-1,2-diphenylethane | *l*-Stilbene Dibromide (1R,2R)-1,2-dibromo-1,2-diphenylethane

100% 0 0

33 1/3 33 1/3 33 1/3

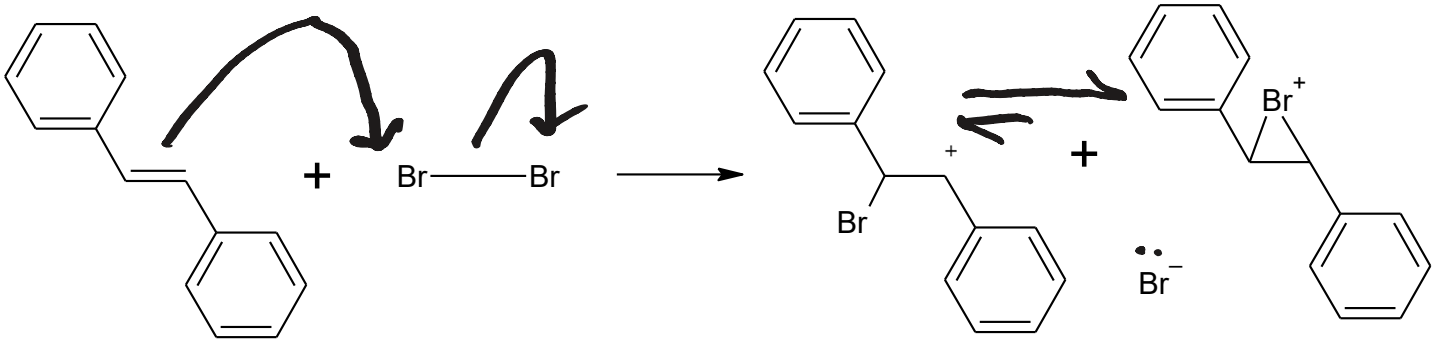
mostly meso

95% 5%

50% 25% 25%

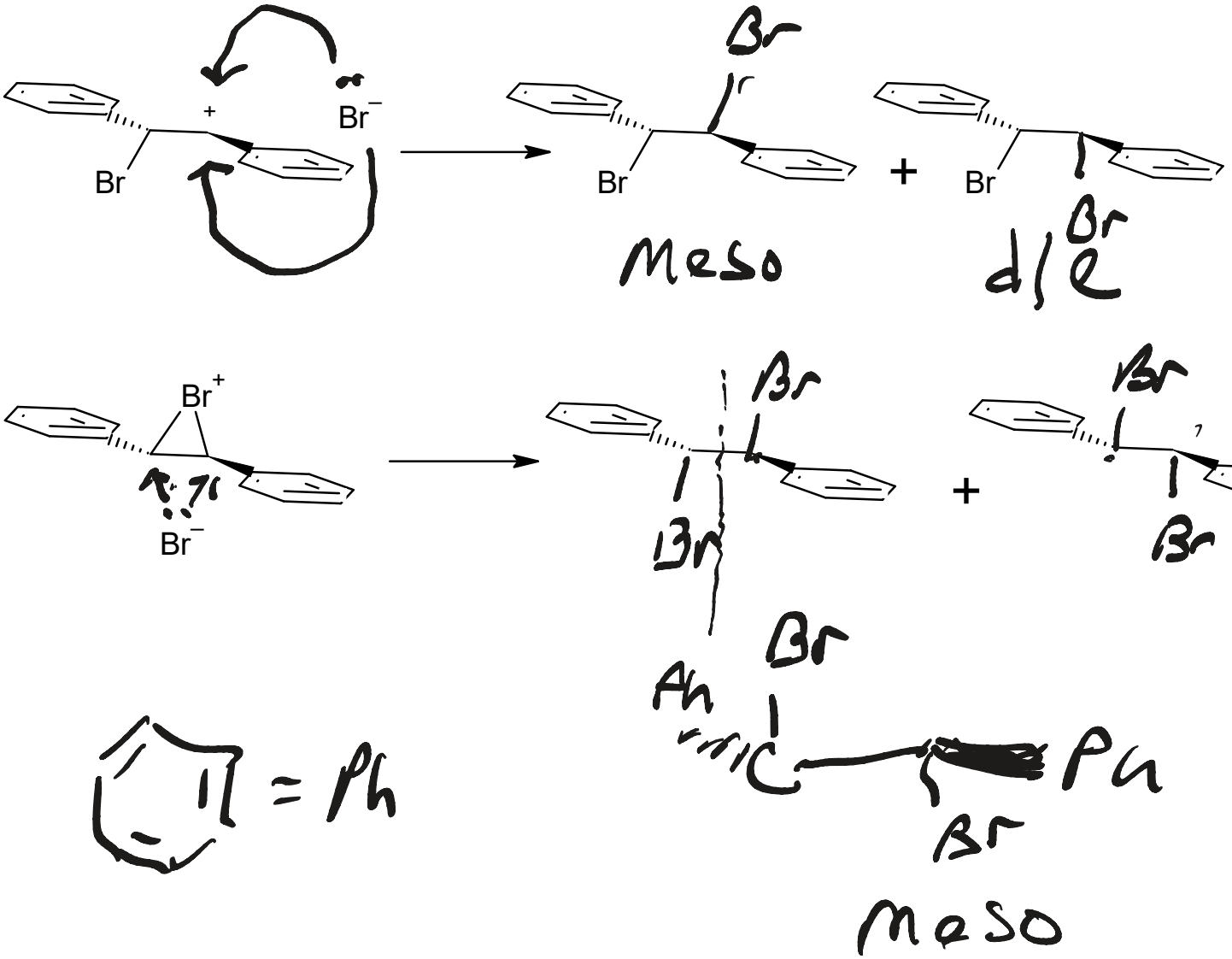
meso d l

100 0 0



mp, % yield 65%

20 - 50


Br
Br⁻
Br
Br
Br
Meso
+
Br
d/l
Br⁺
Br⁻
Br
Br
+
Br
Br
Ph
Br
Ph
Ph
Br
Meso