Total Synthesis of (+)-Chinensiolide B

A

1–3

B

1) TBDPSCI
2) n-BuLi, then ClCO₂Me
3) DIBAL-H, HMPA, then

B is obtained as a 3.5:1 mixture of Z/E isomers.

C

4) H₂O₂, NaOH
5) LiCl, TFA
6) TBSOTf
7) NaOMe
8) LiAlH₄
9) (COCl)₂, DMSO, Et₃N

Please draw a transition state of step 7, that explains the regio- and stereoselectivity of this name reaction.
Only the Z isomer of B reacts. >19:1 dr

10) B, D, BF₃OEt₂ (2.5 mol%)  
11) TBAF  
12) o-NO₂-C₆H₄SeCN, PBu₃  
13) H₂O₂

Please explain the origin of stereocontrol in step 10 for the two newly created chiral centres.