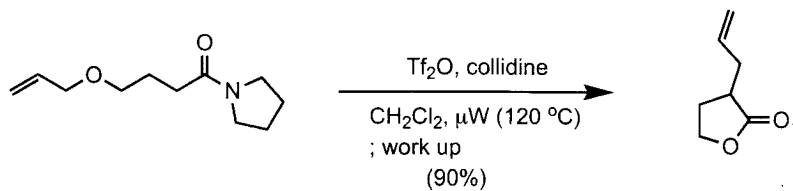


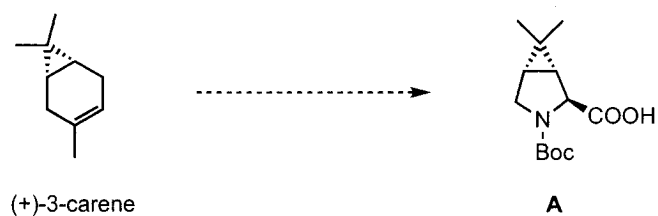
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B3



C. Madelaine, V. Valerio, N. Maulide
Angew. Chem. Int. Ed. **2010**, 49, 1583.

Q: Propose a synthesis route to **A** starting from (+)-3-carene.



A nine-step synthesis has been reported by the Merck group:

Nair, L. G.; Saksena, A.; Lovey, R.; Sannigrahi, M. Wong, J.; Xiaoyong, Fu, Girijavallabhan, V.

J. Org. Chem. **2010**, 75, 1285