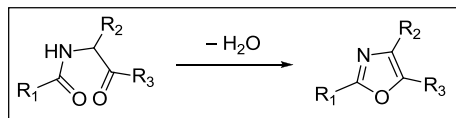
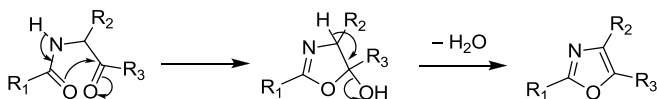


Robinson–Gabriel synthesis

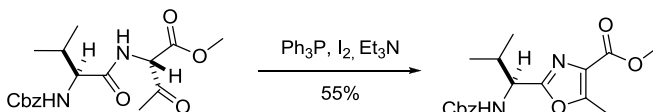
Cyclodehydration of 2-acylamidoketones to give 2,5-di- and 2,4,5-trialkyl-, aryl-, heteroaryl-, and aralkyl-oxazoles.



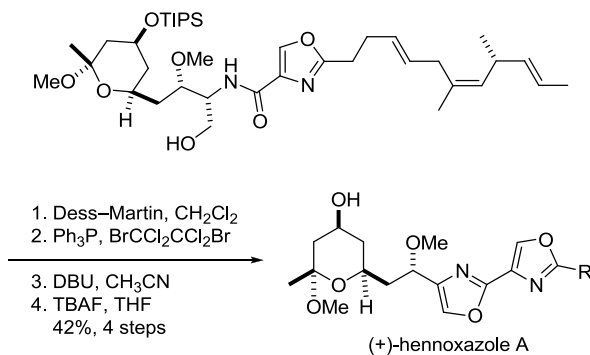
$R_1, R_2, R_3 = \text{alkyl, aryl, heteroaryl}$



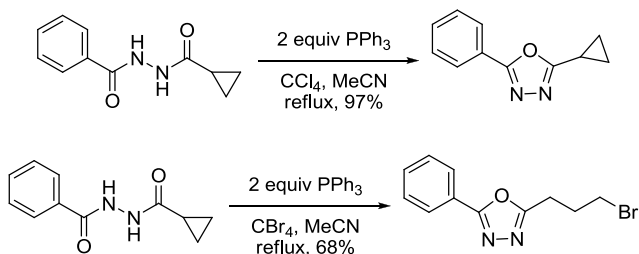
Example 1³

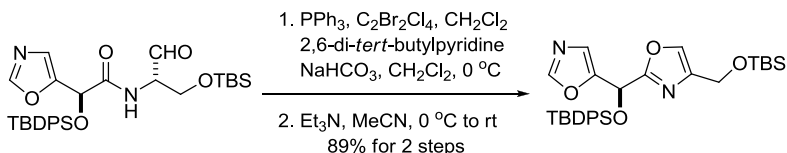
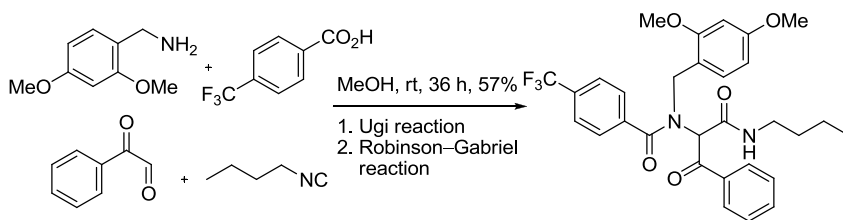


Example 2⁴



Example 3, Halogen effect⁹



Example 4¹⁰Example 5, A cascade Ugi/Robinson–Gabriel reactions¹¹

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