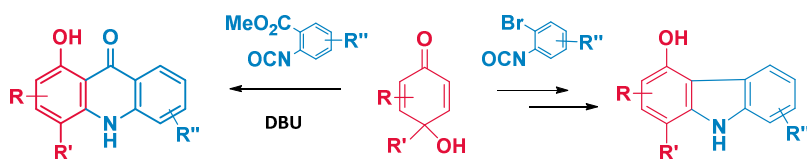


## Heterocycle Synthesis from Quinols

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A variety of substituted 1-hydroxyacridones were synthesized in a one-pot carbamation/Michael addition/Claisen Condensation/decarboxylation cascade in two steps from commercial phenols in good to excellent yields (41-96%). Furthermore, synthesis of 4-hydroxycarbazoles from quinols was realized through a carbamation/Michael/enolate-aryl coupling/aromatization sequence. This methodology was also applied to a short total synthesis of carbazomycin B.



## Reference

J. Zhang, J. Wu, Z. Yin, H. Zeng, K. Khanna, C. Hu, S. Zheng, *Org. Biomol. Chem.*, **2013**, 11, 2939.