

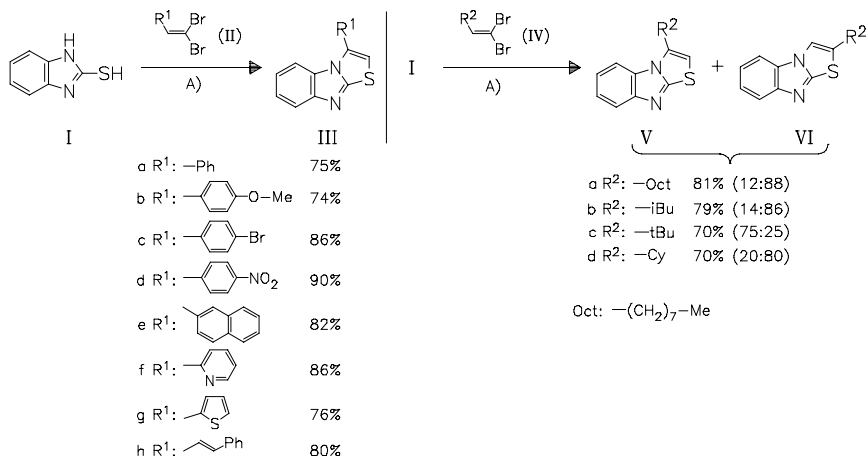
## Thiazole derivatives

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**Copper-Catalyzed Synthesis of N-Fused Heterocycles Through Regioselective 1,2-Aminothiolation of 1,1-Dibromoalkenes.** — Cu-catalyzed treatment of the heterocyclic thiols (I), (VIII), (XIII), and (XV) and the thione (X) with 1,1-dibromoalkenes allows a new and facile access to fused thiazoles and thiazines. The reaction with aliphatic alkenes provides mixtures of regioisomers, whereas starting from aromatic and conjugated alkenes only one regioisomer is formed. Additionally, it is shown that with alkynyl bromides similar results are obtained. — (XU, H.; ZHANG, Y.; HUANG, J.; CHEN\*, W.; *Org. Lett.* 12 (2010) 16, 3704-3707, DOI:10.1021/ol101563f; Dep. Chem., Zhejiang Univ., Hangzhou 310028, Peop. Rep. China; Eng.) — Jannicke

A): Bu<sub>4</sub>NF, CuI/Me-NH-(CH<sub>2</sub>)<sub>2</sub>-NH-Me (2:3) (cat.), DMF, 65°C