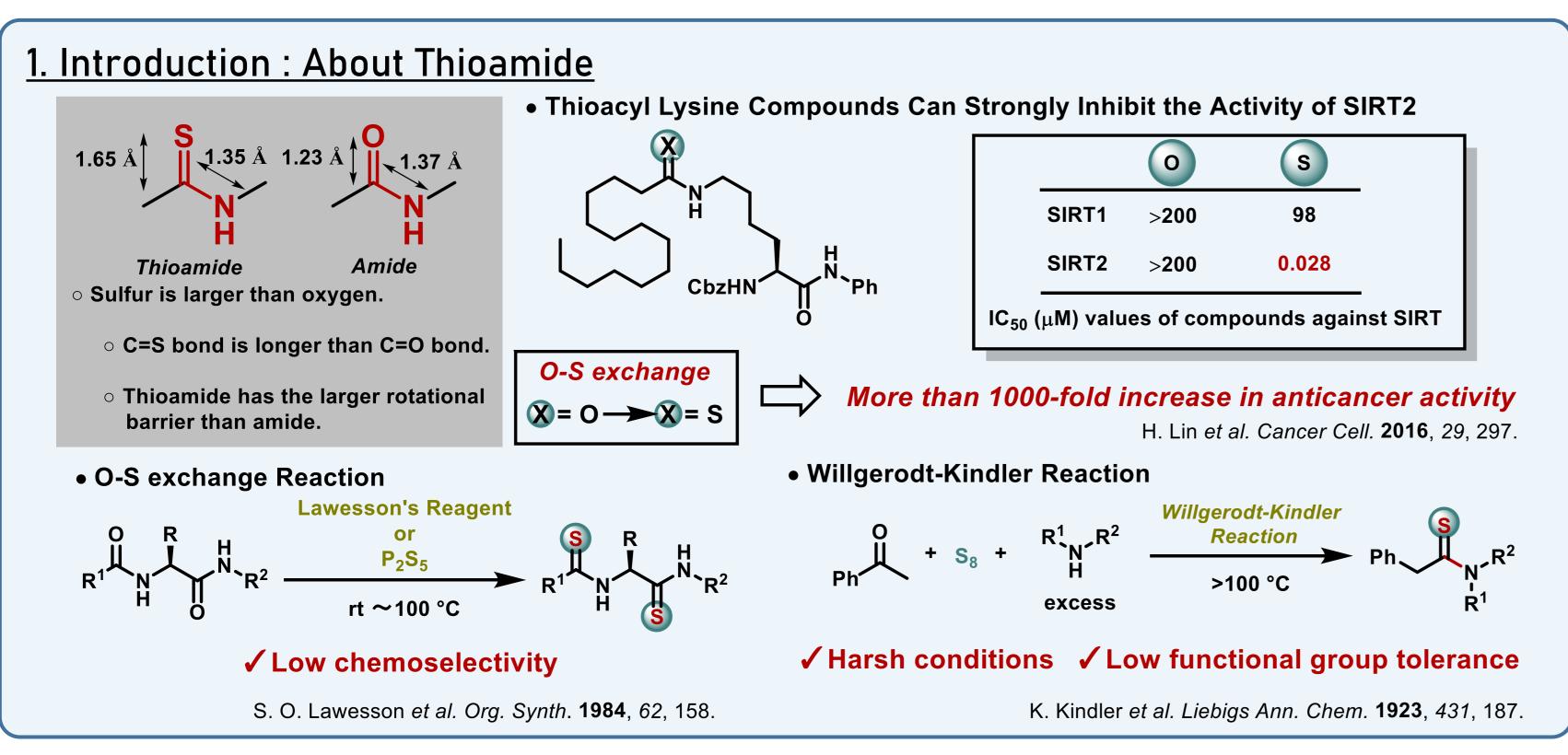
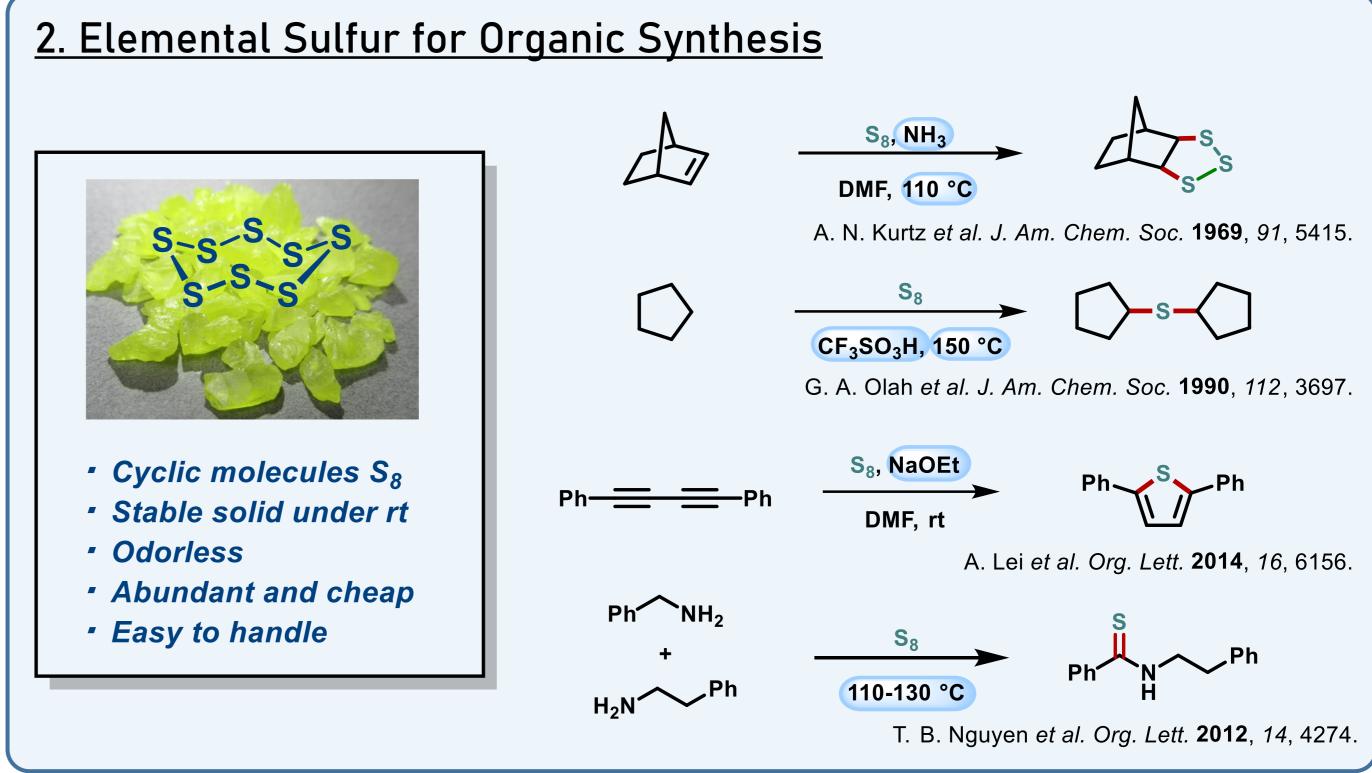
A Mild and Chemoselective Thioacylation of Amines Enabled by the Nucleophilic Activation of Elemental Sulfur

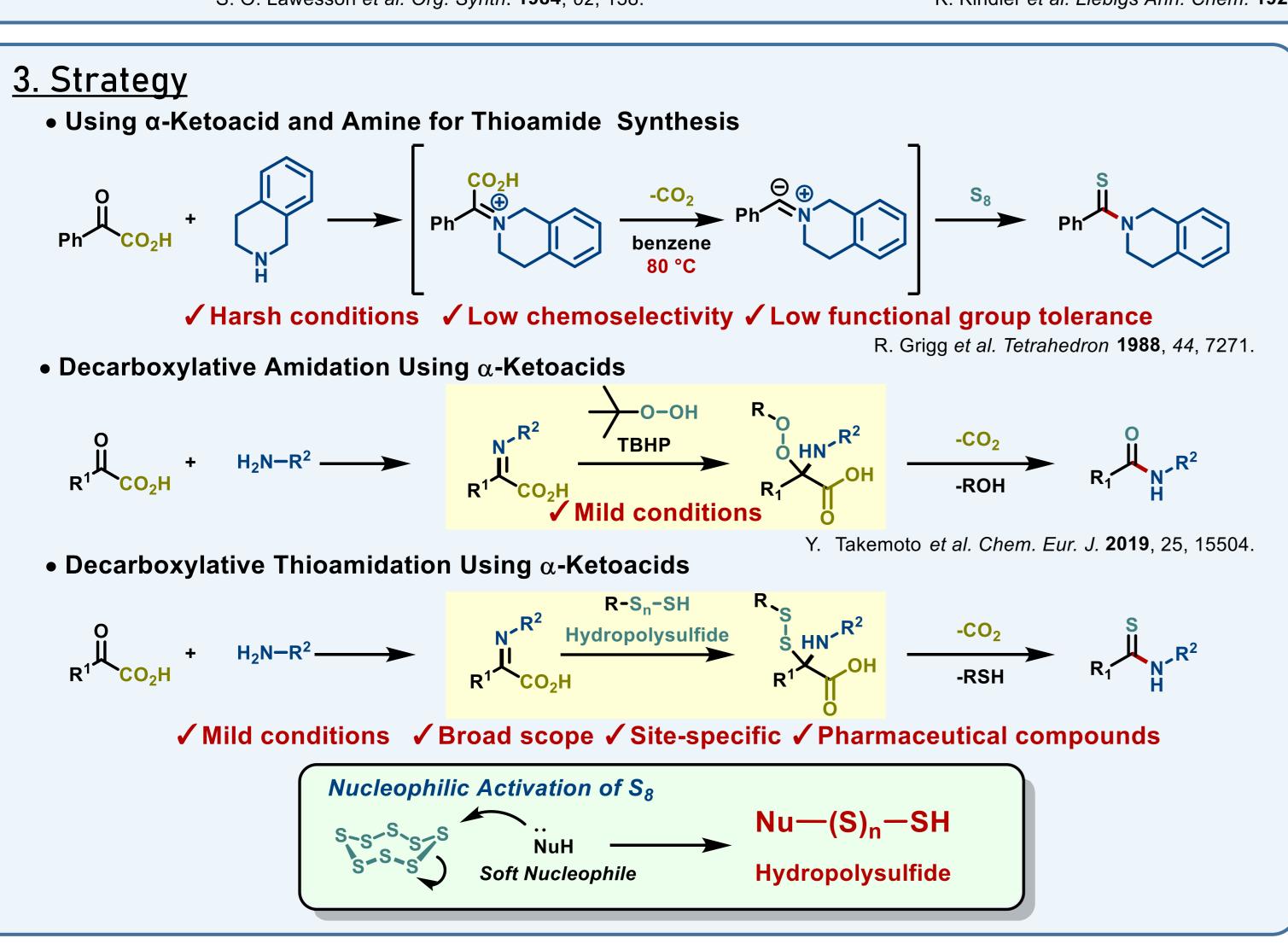
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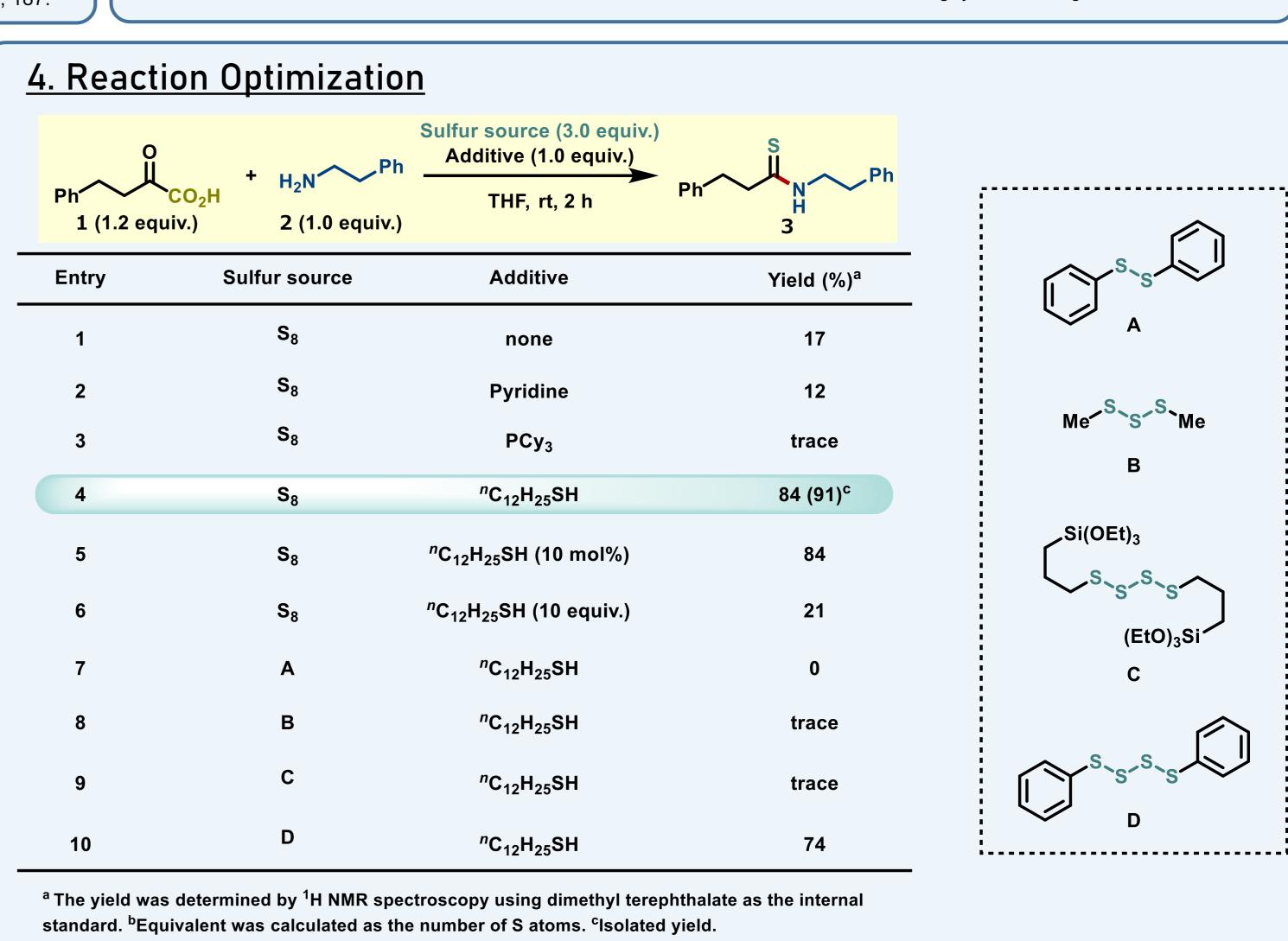
Masato Saito, OSho Murakami, Takeshi Nanjo, Yusuke Kobayashi, Yoshiji Takemoto takemoto@pharm.kyoto-u.ac.jp

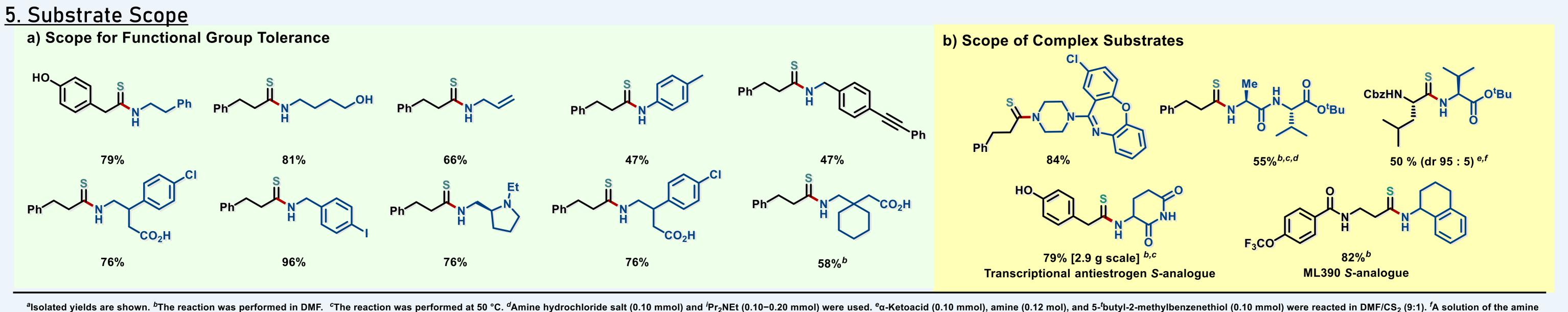
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alsolated yields are shown. bThe reaction was performed in DMF. The reaction was performed at 50 °C. Amine (0.10 mmol), amine (0.12 mol), and 5-butyl-2-methylbenzenethiol (0.10 mmol) were reacted in DMF/CS₂ (9:1). A solution of the amine and the thiol was added dropwise over 4 h at 80 °C.

