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One-pot Preparation of 2,5-Disubstituted and 2,4,5-Trisubstituted Oxazoles from Aromatic Ketones with Molecular Iodine, Oxone, and Trifluoromethanesulfonic Acid in Nitriles

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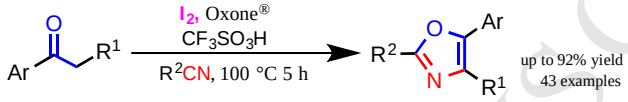

Ar = C_6H_5, 4-$CH_3C_6H_4$, 4-FC_6H_4, 4-ClC_6H_4, 4-BrC_6H_4, 4-$O_2NC_6H_4$, *etc.*
R^1 = H, CH_3, CH_3CH_2, $CH_3(CH_2)_2$, $CH_3(CH_2)_5$, $CH_3(CH_2)_7$, $CH_3(CH_2)_9$
R^2 = CH_3, CH_3CH_2, $CH_3CH_2CH_2$, $(CH_3)_2CH$, Ph