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I₂-DMSO catalyzed synthesis of 1,2,2-triarylethanones via dual C-H activation of aryl methyl ketones

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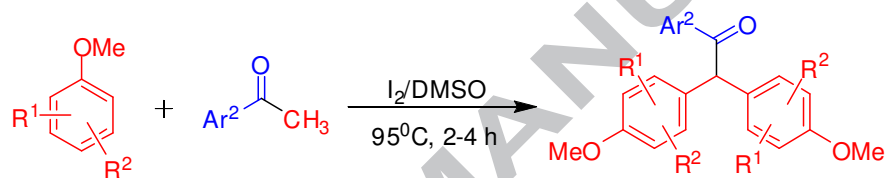
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R¹, R² = H, OMe

Ar² = 4-NO₂C₆H₅-, 4-BrC₆H₅-, 4-ClC₆H₅-, C₆H₅-, 4-PhC₆H₅-,
4-HOC₆H₅-, 5-MeC₄H₂S-, 5-ClC₄H₂S-, 8-OMe-C₁₀H₆-

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