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One Step Synthesis of Some 2,5,6-Trisubstituted-1,3-Dioxin-4-ones

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Abstract: A number of novel 2,5,6-trisubstituted-1,3-dioxin-4-one derivatives were synthesized via one step reactions between dibenzoylmethane or benzoylacetone and oxalyl chloride in refluxing solvents containing various aldehydes.

Key Words: Cyclic oxalyl compounds, α -oxoketene, 1,3-dioxin-4-one

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