

CONVENIENT SYNTHESIS OF CHROMANONES

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Abstract

Michael addition of phenols to acrylonitrile, acid hydrolysis to phenyloxy propionic acids and their cyclisation to chromanones is reported. In contrast with the reported one to one addition of resorcinol to acrylonitrile the sole product of the reaction is the diether. Catalytic hydrogenation of chromones gave the chromanones required for the synthesis of bonducillin and analogues.