

TỔNG HỢP MỘT SỐ XETON A,B- KHÔNG NO TỪ 3-AXETYL-4-METYL BENZO[F]CUMARIN

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TÓM TẮT:

By cyclization reaction of 1-acetyl-2-hydroxynaphthalene with ethyl acetoacetate to get 3-acetyl-4-methylbenzo[f]coumarin. The product was then transformed by condensation with aromatic aldehydes to form a series of new α,β -unsaturated ketones (6 compounds) and (4-arylvinylnbenzo[f]coumarin-3-yl)aryl vinyl ketones (5 compounds). Structure of the obtained products were confirmed by IR, ^1H NMR, ^{13}C NMR, HSQC, HMBC and MS spectroscopic data. The biological activities of these compounds have been investigated.