

REACTION OF N-YLIDES WITH DIKETENE

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Reaction of isoquinolinium bisethoxycarbonylmethylide with diketene gave 1-acetyl-3,3-diethoxycarbonyl-2,3-dihydropyrrolo[2,1-a]isoquinoline. Similarly, reaction of isoquinolinium cyanoethoxycarbonylmethylide with ketene afforded 3-cyano-3-ethoxycarbonyl-2,3-dihydro-2-oxopyrrolo[2,1-a]isoquinoline.

Reaction of N-imino-pyridinium, -quinolinium and -isoquinolinium ylide with diketene afforded pyrazolo[1,5-a]pyridine, pyrazolo[1,5-a]quinoline and pyrazolo[5,1-a]-isoquinoline derivatives, respectively.