

A regioselective synthesis of tetrahydrobenzodiazepin-5-ones via the Schmidt rearrangement of quinolones

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Abstract

The regioselective synthesis of 2,3,4,5-tetrahydro-1H-1,4-benzodiazepin-5-ones by the Schmidt rearrangement of 1,2,3,4-tetrahydro-4-quinolones with oxygen substituents at C-8 is described.

Keywords

Benzodiazepines, Schmidt rearrangement, Quinolones, Ketones, Hydrazoic acid.