

A Short and Productive Synthesis of Racemic α -Lipoic Acid

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Lipoic Acid, Radical Induced C-C-Bond Formation, Baeyer-Villiger Oxidation,
Ether Cleavage, Isothiuronium Salts

Racemic α -lipoic acid is synthesized in four steps from the base chemicals vinyl ethyl ether and cyclohexanone. The total yield is 40%.

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