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Optically active dithiophosphoric acid, its ammonium salt, and S-esters on the basis of (1R)-endo-(+)-fenchyl alcohol

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Abstract

© 2014 Taylor and Francis Group, LLC. Optically active dithiophosphoric acid was prepared by the reaction of tetraphosphorus decasulfide with (1R)-endo-(+)-fenchyl alcohol. The ammonium salt of dithiophosphoric acid prepared reacts with methyl chloroacetate and benzoyl chloride to give dithiophosphate S-esters.

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Keywords

(1R)-endo-(+)-fenchyl alcohol, benzoyl chloride, dithiophosphate S-esters, dithiophosphoric acid, methyl chloroacetate, Tetraphosphorus decasulfide