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Dithiophosphoric and dithiophosphonic acids and their derivatives on the basis of thymol: Synthesis and antimicrobial activity

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Abstract

Biologically active dithiophosphoric and dithiophosphonic acids, their ammonium salts as well as S-silyl and S-plumbyl derivatives were prepared by the reaction of thymol with tetraphosphorus decasulfide and 2,4-diaryl 1,3,2,4-dithiadiphosphetane-2,4-disulfides. © 2013 Copyright Taylor and Francis Group, LLC.

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Keywords

2,4-diaryl 1,3,2,4-dithia-di-phos- phetane-2, 4-disulfides, dithiophosphonic acids, dithiophosphoric acids, tetraphosphorus decasulfide, Thymol