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Thiophosphorylated resorcinol, calix[4]resorcinols, and other hydroxyphenols

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Abstract

Perdithiophosphonic acids are new types of tetracoordinated phosphorus thioacids bearing many dithiophosphoryl groups. Novel perdithiophosphonic acids were obtained by the reactions of 2,4-diaryl-1,3,2,4-dithiadiphosphetane-2,4- disulfides with hydroxyphenols such as resorcinol, 4,4'-iso-propylidenebisphenol, pyrogallol, and calix[4]resorcinols. Copyright © Taylor & Francis Group, LLC.

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Keywords

2,4-diaryl 1,3,2,4-dithiadiphosphetane-2,4-disulfides, 4,4'-iso-propylidenebisphenol, Calix[4]resorcinols, Dithiophosphonic acids, Pyrogallol, Resorcinol