

Dithiophosphonation of 4-(1*H*-Pyrrol-1-yl)phenol and 4-(1*H*-Imidazol-1-yl)phenol

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Abstract—Reactions of 4-(1*H*-pyrrol-1-yl)phenol and 4-(1*H*-imidazol-1-yl)phenol with 2,4-diaryl-1,3,2λ⁵,4λ⁵-dithiadiphosphetane 2,4-disulfides gave the corresponding *O*-4-hetarylphenyl hydrogen arylphosphonodithioates which were converted into ammonium salts. The latter showed antimicrobial activity against Gram-positive bacteria and antifungal activity against fungi of the genus *Candida*.

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