

Synthesis and Antifungal Activity of β -Hydroxysulfides of 1,3-Dioxepane Series

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Abstract

© 2018 Roman S. Pavelyev et al. Synthesis of β -hydroxysulfides of 1,3-dioxepane series and their further functionalization were performed. Chiral β -hydroxysulfides were separated into enantiomers using enzymatic acylation by lipase PS. Study of antifungal activity of the obtained compounds showed that some enantiomerically pure 6-arylthio-1,3-dioxepan-5-ols represent promising antifungal drug candidates.

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