

抗真菌作用物質 echinocandin 類の ペプチド様関連化合物の合成研究

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Synthesis of Peptidomimetic Analogues of Echinocandins

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ABSTRACT : Novel Peptido-mimetic compounds with partial structures being the same as that of echinocandin B, a well known antifungal lipopeptide, have been synthesized. The structures of these compounds were confirmed by NMR and MS. The synthesized compounds were for their *in vitro* antifungal activity. The results suggested that the hydroxyproline-threonine section in the north-western position of the echinocandin is important for the activity.

抄録 抗真菌作用物質 echinocandin B の類似構造を有する新しいペプチド様関連化合物を合成した。構造確認した化合物群の抗真菌活性を *in vitro* で測定した結果、echinocandin の hydroxyproline-threonine 部分が活性に重要な部分構造であることが分かった。

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