

Synthesis and Antimicrobial Activities of Some Novel Pyrido[2,3-d]pyrimidine Derivatives

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2-Amino-(6-phenoxathiin-2-yl)-4-phenylnicotinonitrile has been synthesized and used as a starting material to construct a novel series of annulated and substituted *pyrido[2,3-d]pyrimidine systems*. *Antibacterial and antifungal activities of some synthesized compounds were evaluated and reported.*

Keywords Antimicrobial activity; phenoxathiin; pyrido[2,3-*d*]pyrimidines