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Antibacterial activity of Mannich bases derived from 2-naphthols, aromatic aldehydes and secondary aliphatic amines

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ABSTRACT: A small library of 1-aminoalkyl 2-naphthols has been synthesized through the direct Mannich reaction of 2-naphthols with (hetero)aromatic aldehydes and secondary amines. All of the Mannich bases having a thiophen-2-yl ring in their structure had good activity against Gram-positive bacteria, irrespective of the nature of the amino moiety.

KEYWORDS: aminomethylation, Mannich base, thiophene, antibacterial, MRSA

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