

**Synthesis of Vernolamides from *Vernonia galamensis* Oil under Varied Conditions and Their Antimicrobial Activities**

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**Abstract.**

*The oil extracted from the seeds of Vernonia galamensis ssp. nairobiensis was reacted with 1,6-diaminohexane and 1,8-diaminooctane using a 1:3 molar ratio of vernonia oil to amine to give the corresponding vernolamides. Varied temperatures and solvents were applied. The vernolamides exhibited antibacterial activity against gram-positive (*Bacillus subtilis*) and on gram-negative (*Escherichia coli*) bacteria. The vernolamides did not show any antifungal activity.*

**Key words:** *Vernonia galamensis*, N-(6-aminohexyl)vernolamide, N-(8-aminooctyl)vernolamide and Anti-microbial activities.

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