# **Accepted Manuscript**

A promising antibiotic, synergistic and antibiofilm effects of *Vernonia condensata* Baker (Asteraceae) on *Staphylococcus aureus* 

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#### ACCEPTED MANUSCRIPT

#### **GRAPHICAL ABSTRACT**



Vernonia condensata Baker (Asteraceae)

### Preparation of plant extract and fractions



### Ethyl Acetate Fraction of Vernonia condensata leaves (Vc-EAF)



## **Antibacterial Activity:**

Minimal Inhibitory Concentration (MIC)

Minimal Bactericidal Concentration (MBC)

### **Synergic Effect:**

Checkerboard Method Time-Kill Assay

#### **Antibiofilm Action:**

Percentage of adhesion inhibition on polystyrene microplate

### **Mode of Action:**

Bacterial cell viability assay

Leakage of compounds absorbing at 280 nm

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