

Potent Antioxidant and Lipoxygenase Inhibitory Flavanone and Chalcone from *Erythrina mildbraedii* Harms (Fabaceae) of Cameroon

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In continuation of our search for new secondary metabolites from African *Erythrina* species, *E. mildbraedii* of Cameroon was investigated. As a result of this study, a new flavanone (mildbone, **1**) and a new chalcone (mildbenone, **2**) have been obtained and characterized by spectroscopic means. Both the compounds exhibited significant antioxidant and moderate lipoxygenase inhibitory activities. Compounds **1** and **2** showed potent antioxidant activity even stronger than the positive control. Among both the compounds, mildbone (**1**) was found to be potent in both the assays.

Key words: *Erythrina mildbraedii*, Mildbone, Mildbenone, Antioxidant Activity, Lipoxygenase Inhibition