

### Phytochemical constituents from *Acacia nilotica* Delile with kinase inhibitory activity

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From the stem bark of *Acacia nilotica* (L) Delile, two new peltogynoids, acanilol A (1) and acanilo B (2) were isolated together with the known triterpene lupenone. The structures of the new compounds were established on the basis of their spectral data, mainly UV, NMR and mass spectrometry. The new compounds were tested as kinase inhibitors against CDK1, GSK3, CK1 and DYRK1A, and acanilol B was identified as a DYRK1A inhibitor, with an IC<sub>50</sub> of 19 μM.

**Key words:** Leguminosae, Peltogynoids, Acanilol A, Acanilo B, DYRK

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