

Megistolactone, a New Alkaloid from *Sarcomelicope megistophylla*

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A new quinolone alkaloid, megistolactone (**1**) was isolated from the bark of *Sarcomelicope megistophylla*. Its structure has been elucidated on the basis of MS and NMR data. From a biogenetic point of view, this compound should be considered as an oxidation product of 1,2,3,4-tetra-*O*-substituted acridone alkaloids, which are also present in the bark.