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Article

Cytotoxic and Antioxidant Compounds from the Stem Bark of *Goniothalamus tapisoides* Mat Salleh

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Abstract: Eleven compounds: goniomicin A (**1**), goniomicin B (**2**), goniomicin C (**3**), goniomicin D (**4**), tapisoidin (**5**), goniothalamin (**6**), 9-deoxygoniopypyrone (**7**), pterodondiol (**8**), liriodenine (**9**), benzamide (**10**) and cinnamic acid (**11**), were isolated from the stem bark of *Goniothalamus tapisoides*. All compounds were identified by spectroscopic analysis and, for known compounds, by comparison with published data. Goniothalamin (**6**) exhibited mild cytotoxic activity towards a colon cancer cell line (HT-29), with an IC_{50} value of 64.17 ± 5.60 μM. Goniomicin B (**2**) give the highest antioxidant activity in the DPPH assay among all compounds tested, with an IC_{50} of 0.207 μM.