

Cis-clerodane-type furanoditerpenoids from *Tinospora crispa*

ABSTRACT

Phytochemical and cytotoxicity investigations on organic solvent extracts of the aerial parts of *Tinospora crispa* have led to the isolation of 15 cis-clerodane-type furanoditerpenoids. Of these, nine compounds (1-9) were found to be new. Spectroscopic assignments of a previously reported compound, borapetoside A (13), were revised on the basis of HMQC and HMBC correlations. No discernible activity was observed when compounds 10-13 were subjected to evaluation in cytotoxicity assays against human prostate cancer (PC-3) and the normal mouse fibroblast (3T3) cell lines.

Keyword: Cis-clerodane-type furanoditerpenoids; *Tinospora crispa*; Phytochemical; Cytotoxicity