Two new acridone alkaloids from Glycosmis macrantha

Abstract

Extraction and chromatographic separation of the extracts of dried stem barks of Glycosmis macrantha lead to isolation of two new acridone alkaloids, macranthanine and 7-hydroxynoracronycine, and a known acridone, atalaphyllidine. The structures of these alkaloids were determined by detailed spectral analysis and also by comparison with reported data.

Keyword: 7-hydroxynoracronycine; Atalaphyllidine; Glycosmis macrantha; Macranthanine