Studies on medicinal plants of Yunnan province: Constituents of Gentiana rigescens

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Congress Abstract

We have been investigating traditional herbal medicines used by ethnic minority groups in Yunnan province, China, aimed at searching seed compounds for drug development. Gentiana rigescens (Gentianaceae) is a medicinal folk plant used for hepatitis and cholecystitis by the Yi ethnic minority group. We have examined the MeOH extracts of the aerial parts and roots of G. rigescens, which has resulted in the isolation of ten new secoiridoid derivatives (1 – 10). The structure elucidation of these compounds will be presented.

Fig. 1