

Chrotacumines A-D, chromone alkaloids from *Dysoxylum acutangulum*

ABSTRACT

Four new chromone alkaloids, chrotacumines A-D (1-4), consisting of a 5,7-dihydroxy-2-methylchromone, an N-Me piperidine ring, and an ester side chain were isolated from *Dysoxylum acutangulum*, and their structures including absolute configurations were elucidated on the basis of spectroscopic data interpretation including 2D NMR, CD spectra, and X-ray analysis. The known compound rohitukine (5) showed moderate cytotoxicity against human HL-60 promyelocytic leukemia and HCT-116 colon cancer cells.

Keyword: Chrotacumines A-D; Chromone alkaloids; *Dysoxylum acutangulum*