

Chemical constituents of *Tetradium sambucinum* (Bl.) Hartley

ABSTRACT

Detailed extraction and separation of the aerial parts of *Tetradium sambucinum* (Bl.) Hartley have led to the isolation of decarine, rutaecarpine, aurantiamide acetate and 7-hydroxycoumarin. The structures of the compounds were established by one and two-dimensional ¹H- and ¹³C-NMR as well other spectroscopic methods. The free radical scavenging and cytotoxic activities were assessed by DPPH assay and against two cancer cell lines, respectively.

Keyword: 7-hydroxycoumarin; Aurantiamide acetate; Decarine; *Evodia sambucina*; Rutaecarpine; *Tetradium sambucinum*