

Caloxanthone C: a pyranoxanthone from the stem bark of *Calophyllum soulattri*.

ABSTRACT

The title compound [systematic name: 5,10-dihydroxy-2,2-dimethyl-12-(2-methylbut-3-en-2-yl)pyrano[3,2-b]xanthen-6(2H)-one], C₂₃H₂₂O₅, isolated from the stem bark of *Calophyllum soulattri*, consists of four six-membered rings and a 2-methylbut-3-en-2-yl side chain. The tricyclic xanthone ring system is almost planar [maximum deviation = 0.093 (2) Å], whereas the pyranoid ring is in a distorted boat conformation. The 2-methylbut-3-en-2-yl side chain is in a synperiplanar conformation. There are two intramolecular O—H(...)O hydrogen bonds. In the crystal, molecules are linked by C—H(...)O interactions, forming a zigzag chain propagating in [010].

Keyword: Caloxanthone C; Pyranoxanthone; *Calophyllum soulattri*.