Three new flavonol galloylglycosides from leaves of Acacia confusa.

李宗徽

Lee TH;Qiu F;Waller GR;Chou CH

Abstract

Myricetin 3-O-(2"-O-galloyl)-alpha-rhamnopyranoside 7-methyl ether (1), myricetin 3-O-(3"-galloyl)-alpha-rhamnopyranoside 7-methyl ether (2), and myricetin 3-O-(2",3" -di-O-galloyl)-alpha-rhamnopyranoside (3), three new flavonol galloylglycosides, were isolated from leaves of Acacia confusa sampled from Chaoushi in the north of Taiwan. Their structures were established by analysis of spectroscopic data, and the compounds were evaluated for anti-hatch activity against brine shrimp.