

Abstract

Three flavonoids (bolusanthols A–C), viz an isoflavan and two prenylated isoflavanones, were isolated from the stem bark of *Bolusanthus speciosus* in addition to four known flavonoids, 5,7,3'-trihydroxy-4'-methoxy-5'- γ,γ -dimethylallylisoflavanone, 5,7,2'-trihydroxy-4'-methoxy-6,5'-di(γ,γ -dimethylallyl)isoflavanone, 3,5,7,3',4'-pentahydroxy-6- γ,γ -dimethylallylflavone and 5,7,2',4'-tetrahydroxy-8,3'-di(γ,γ -dimethylallyl)-isoflavanone. The structure of the new compounds were determined to be 4,2',3',4'-tetrahydroxy-6,7-methylenedioxyisoflavan (bolusanthol A), 5,7,3',4'-tetrahydroxy-5'- γ,γ -dimethylallylisoflavanone (bolusanthol B), and 5,7,4'-trihydroxy-6,3'-di(γ,γ -dimethylallyl)isoflavanone (bolusanthol C) by spectroscopic methods.