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• 中文摘要

五倍子爲某些植物蚜蟲螫刺鹽膚木(漆樹科)而形成者,含有豐富之鞣質。羅氏鹽膚木爲鹽膚木之類緣植物。其百分之六十之水性丙酮萃取物,藉由各種管柱層析之純化,共得到十七個化合物,其結構經光譜之解析,分別確認爲: Shikimic acid、Protocatechuic acid、Gallic acid、Methylgallate、Digallic acid、Methyl digallate、1-O-galloyl-.beta.-D-glucose、1,2,3,4,6-penta-O-galloyl-.beta.-D-glucose、(+)-catechin、Eriodictyol、Luteoline、Quercetine、(-)-rhusflavone、Agathisflavone、Amentoflavone、Butein、p-hydroxyacetophenone。

• 英文摘要

Chinese galls are formed on Rhus chinensis Mill (Fam. Anacardiaceae) owing to the stings of certain plant lice, and they are rich in tannins. Rhus semialata Murr. var. roxburghii DC., an allied plant of Rhus chinensis, by means of various column chromatographies, seventeen compounds were obtained from the 60% aqueous acetone extract of the galls. The structure of these compounds were elucidated respectively as shikimic acid, protocatechuic acid, gallic acid, methylgallate, digallic acid, methyl digallate, 1-O-galloyl-.beta.-D-glucose, 1,2,3,4,6-penta-O-galloyl-.beta.-D-glucose, (+)-catechin, eriodictyol, luteoline, quercetine, (-)-rhusflavone, agathisflavone, amentoflavone, butein, p-hydroxyacetophenone.