

Tannin and related compounds from Terminalia catappa and Terminalia parviflora.

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Abstract

Continuing chemical examination on tannins and related compounds of Combretaceous plants has led to the isolation of one novel complex type tannin, catappanin A, together with two phenolcarboxylic acids, two phenol glucoside gallates, seven ellagic tannins, one other hydrolyzable tannin, four flavan-3-ols and two complex type tannins from the bark of Terminalia catappa. In addition, from the bark of Terminalia parviflora one new methyl glucoside gallate, methyl 3, 6-di-O-galloyl- β -D-glucoside, three phenolcarboxylic acids, three gallotannins, six ellagitannins and three other hydrolyzable tannins were isolated. Their structures were elucidated on the basis of chemical and spectroscopic evidence.