Polyphenolic compounds from the leaves of Schinus terebinthifolius Raddi.

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Abstract:

Two quinic acid esters, 5-O-caffeoylquinic acid (1) and 5-O-coumaroylquinic acid (2); three myricetin glycosides, myricetin 3-O-α-L-rhamnopyranosyl(1′″→6″′)β-D-galactopyranoside (3), myricetin 3-O-β-D-glucuronide (4), and myricetin 3-O-β-D-galactopyranoside (5); 1,6-digalloyl-β-D-glucose (6); and (+)-catechin (7) were isolated and identified for the first time from the leaves of Schinus terebinthifolius Raddi. Furthermore, investigation of tannic acid content was carried out by HPLC.

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