Triterpenoid Saponins from *Metadina trichotoma*

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Two new 27-nor-triterpene glycosides, pyrocincholic acid 3β-O-β-D-glucopyranosyl-(1→4)-β-D-quinovopyranosyl-28-O-β-D-glucopyranoside (Metatrichoside A, 1), pyrocincholic acid 3β-O-β-D-glucopyranosyl-(1→4)-β-D-quinovopyranosyl-28-O-β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside (Metatrichoside B, 2), together with pyrocincholic acid 3β-O-β-β-D-quinovopranosyl-28-O-β-D-glucopyranoside (3), pyrocincholic acid 3β-O-β-D-quinovopyranosyl-28-O-β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside (4), quinovic acid 3β-O-β-D-quinovopyranoside (5), quinovic acid 3β-O-β-β-D-quinovopyranosyl-28-O-β-D-glucopyranoside (6), quinovic acid 3β-O-β-D-glucopyranoside (7) and quinovic acid 3β-O-β-D-glucopyranosyl-28-O-β-D-glucopyranoside (8) were isolated from the barks of *Metadina trichotoma*. Their structures were mainly determined by mass spectrometric and 1D and 2D NMR spectroscopic methods. Compound 5 and 6 showed cytotoxic activity towards the A549 non-small-cell lung cancer cell line (*IC*$_{50}$ = 8.43 and 6.06 µm), and the methanol extract inhibited the activity of cathepsin B with an *IC*$_{50}$ value of 0.77 µg mL$^{-1}$.

**Key words:** *Metadina trichotoma*, Triterpenoid Saponins, Metatrichoside A, Metatrichoside B