Sulfonated Triterpenoid Saponins from Fagonia indica

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HMQC and HMBC experiments.

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D-4-O-sulfonylglucopyranosyl- $(1\rightarrow 3)$]- $[\beta$ -D-xylopyranosyl- $(1\rightarrow 2)$]- α -L-arabinopyranosyl}-

ursolic acid-28-O-[β-p-glucopyranosyl] ester (indicasaponin D) have been isolated from Fagonia indica. The structures were determined primarily by NMR spectroscopy. The assignment of NMR signals was performed by means of ¹H-¹H COSY, NOESY, ROESY, TOCSY.

Two new triterpenoid saponins, $3-O-\{[\beta-D-4-O-sulfonylglucopyranosyl-(1\rightarrow 3)]-\alpha-L-ara$ binopyranosyl}-ursolic acid-28-O-[β-D-glucopyranosyl] ester (indicasaponin C) and 3-O-{[β-