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TWO NEW LABDANES FROM
AFRAMOMUM SULCATUM

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The investigation of the hexane and acetone extracts of the seeds of *Aframomum sulcatum* (Oliv. & Hanb) K. Schum (Zingiberaceae) has yielded two novel labdanes, sulcanal (1) and 8 β ,17-epoxy-15-hydroxy-12E-labden-16-al-11,15-hemiacetal (2) along with the known 8 β ,17-epoxy-12-labden-15,16-dial; 8 β ,17-epoxy-12-labden-16,15-olide; and galanal B. These compounds were obtained using repeated column chromatography with either silica gel or sephadex LH 20 as stationary phase. The structures were elucidated using high field NMR techniques, particularly the sensitive inverse phase experiments HMQC and HMBC. The relative stereochemistry at different asymmetric centers was established using the NOESY experiment

