

アロエベラ葉の3種のクロモン成分

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Three Chromones from *Aloe vera* Leaves

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ABSTRACT Three new chromone components were isolated from the gel of *Aloe* leaf. The structures of these compounds, which we have named 8-*C*-glucosyl-(*S*)-aloesol, 8-*C*-glucosyl-7-*O*-methylaloediol and isorabaichromone, were shown to be 8-*C*- β -*D*-glucopyranosyl-2-[(*S*)-2-hydroxy]propyl-7-hydroxy-5-methylchromone (8-*C*-glucosyl-(*S*)-aloesol), 8-*C*- β -*D*-glucopyranosyl-2-[(1',2'-dihydroxypropyl)-7-methoxy-5-methylchromone (8-*C*-glucosyl-7-*O*-methylaloediol) and 8-*C*- β -*D*-[2'-*O*-(*E*)-caffeoyl]glucopyranosyl-2-[(*S*)-2-hydroxy]propyl-7-methoxy-5-methylchromone (isorabaichromone), respectively, by spectroscopic methods.

抄録 アロエベラ葉から3種の新規化合物である8-*C*-glucosyl-(*S*)-aloesol, 8-*C*-glucosyl-7-*O*-methylaloediolとisorabaichromoneを単離し, それぞれの化学構造を明らかにした.

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