

アロエベラ葉の3種のクロモン成分

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Three Chromone Components from *Aloe vera* Leaves

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ABSTRACT Three new chromone components, 8-C-glucosyl-7-O-methyl-(S)-aloesol, isoaloeresin D and aloeresin E were isolated from the leaves of *Aloe vera*. Their structures have been established from spectroscopic studies; the structures of 8-C-glucosyl-7-O-methyl-(S)-aloesol, isoaloeresin D and aloeresin E were shown to be 8-C- β -D-glucopyranosyl-2-[(S)-2-hydroxy]propyl-7-methoxy-5-methylchromone, 8-C- β -D-[2'-O-(E)-*p*-coumaroyl]glucopyranosyl-2-[(S)-2-hydroxy]propyl-7-methoxy-5-methylchromone and 8-C- β -D-[2'-O-(E)-cinnamoyl]glucopyranosyl-2-[(S)-2-hydroxy]propyl-7-methoxy-5-methylchromone, respectively. The inhibitory action of these compounds against tyrosine oxidation by mushroom tyrosinase was examined.

抄録 アロエベラ葉から3種の新規化合物である8-C-glucosyl-7-O-methyl-(S)-aloesol, isoaloeresin Dならびに aloeresin E を単離し, それぞれの化学構造と抗チロシナーゼ作用を明らかにした.

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