

トウガシの TLC による確認試験について

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Methods for Chemical Identification of BENINCASAE Semen by TLC

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Summary

Methods for chemical identification of Benincasae Semen were examined. 5-{[2-O-(β -D-Apiofuranosyl)- β -D-glucopyranosyl]oxy}-2-hydroxybenzoic acid was shown to be a suitable marker compound in the TLC method. A mixture of methanol and water (4:1) and a mixture of 1-butanol, water and acetic acid (100) (8:6:3) were found to be suitable solvent systems for extraction and TLC development, respectively.

Key words

Benincasa cerifera, *Cucurbitaceae*, Chemical identification, Marker compound, TLC