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Limonoids in Seeds of Iyo Tangor (*Citrus iyo* hort. ex Tanaka)

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Iyo tangor (*Citrus iyo* hort. ex Tanaka) seeds contained limonin, nomilin, obacunone and deacetylnomilin, in order of decreasing concentration. They also contained the 17- β -D-glucopyranosides of nomilin, obacunone, limonin, deacetylnomilin and nomilinic acid. Total limonoid aglycone concentration in the seeds was 873 mg per 100 g on a dry weight basis and total limonoid glucoside concentration was 446 mg. The composition and relative concentration of each limonoid aglycone and glucoside in Iyo tangor seeds were very similar to those of other citrus species distributed widely in western Japan such as Valencia orange (*C. sinensis* Osbeck), Sanbokan (*C. sulcata* hort. ex Tanaka) and Hyuganatsu (*C. tamurana* hort. ex Tanaka). These data reveal that Iyo tangor taxonomically belongs to the same group as those citrus species.

Keywords: [Iyo tangor](#), [Iyo-mikan](#), [Iyokan](#), [Citrus iyo](#) hort. ex Tanaka, [limonoids](#), [limonoid glucosides](#), [HPLC](#), [citrus taxonomy](#)

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