Volatile constituents of the seed Kernel and leaf of *Moringa peregrina* (Forssk.) Fiori, Agricolt. cultivated in Chabahar (Iran)

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**Background and Aims:** Volatile constituents of the seed kernel and leaf of cultivated *Moringa peregrina* (Forssk.) Fiori, Agricolt collected after hydrolysis were analyzed by GC and GC/MS. Five glucosinolate degradation products which constituted almost the whole isolated oil of the seed kernel were identified to be: isobutyl isothiocyanate (94.0%), isopropyl isothiocyanate (4.9%), sec-butyl isothiocyanate (0.5%), n-butyl isothiocyanate (0.5%) and benzyl isothiocyanate (<0.1%); while the volatile isothiocyanates which constituted also almost the whole isolated oil of the leaf were found to be: isobutyl isothiocyanate (88.5%), isopropyl isothiocyanate (10.2%), n-butyl isothiocyanate (0.4%) and sec-butyl isothiocyanate (<0.1%).

**Keywords:** Isobutyl isothiocyanate; Isopropyl isothiocyanate; *Moringa peregrina*; Moringaceae; Volatile isothiocyanates.