

Sulfur containing compounds in the volatile oil of *Ferula latisecta* Rech. f. & Aell. Leaves

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Abstract

The essential oil obtained from dried leaves of *Ferula latisecta* by hydrodistillation, was analyzed by GC-MS. Twenty-eight components, representing 93.0 % of the oil, were characterized. The main components were sec-butyl-(Z)-propenyl disulfide (30.2 %), α -cadinol (10.7 %), junicedrol (10.0 %), sec-butyl-(E)-propenyl disulfide (8.8 %), epi- α -bisabolol (0.1 %), δ -cadinene (3.9 %), germacrene D- ϵ -ol (3.6 %) and di-sec-butyl disulfide (2.1 %). The oil contained 4.0 % total polysulfides.

Author keywords

Apiaceae; Essential oil composition; *Ferula latisecta*; Polysulfides; Secbutyl-(Z)-propenyl disulfide

Indexed Keywords

Species Index: Apiaceae; Apiales; *Ferula*; *Foeniculum vulgare*

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