

عنوان مقاله:

Phytochemistry and pharmacology of *Ferula persica* Boiss.: A review

محل انتشار:

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خلاصه مقاله:

Ferula persica, is the well-known species of the genus *Ferula* in Iran and has two varieties: *persica* and *latisecta*. They have both been extensively used in traditional medicine for a wide range of ailments. A great number of chemical compounds including sesquiterpene coumarins and polysulfides have been isolated from this plant. Fresh plant materials, crude extracts and isolated components of *F. persica* have shown a wide spectrum of pharmacological properties including anti-pigmentation in *Serratia marcescens*, cytotoxic, antibacterial, anti-fungal, anti-leishmanial, cancer chemopreventive, reversal of multi-drug resistance, anti-inflammatory and lipoxygenase inhibitory activity. The present review summarizes the data available regarding the chemical constituents and biological activities of *F. persica*.

کلمات کلیدی:

Apiaceae, *Ferula persica*, Sesquiterpene coumarins, Sulfur-containing compounds, Umbelliprenin

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