

## Sesquiterpene coumarins from the fruits of *Ferula badrakema*

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### Abstract

From the fruits of *Ferula badrakema* (Kos.-Pol.) (Umbelliferae), five known sesquiterpene coumarins (conferone, mogoltacin, feselol, ferocaulidin and ligupersin A) were isolated for the first time, using silica gel column chromatography and preparative thin-layer chromatography. The structures were characterized by <sup>1</sup>D and <sup>2</sup>D NMR experiments. © 2019 Informa UK Ltd.

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### Reaxys Database Information

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### Author keywords

Chromatography; *Ferula badrakema*; Fruits; NMR; Sesquiterpene coumarins

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### Indexed Keywords

**EMTREE drug terms:** conferone; coumarin derivative; ferocaulidin; feselol; ligupersin a; mogoltacin; sesquiterpene derivative; unclassified drug

**EMTREE medical terms:** article; carbon nuclear magnetic resonance; column chromatography; drug isolation; drug structure; fennel; *Ferula badrakema*; fruit; gel chromatography; proton nuclear magnetic resonance; thin layer chromatography

**Species Index:** Apiaceae; *Ferula*

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