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Sesquiterpene lactones from *Centaurea helenioides* Boiss

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 [Keywords](#)  
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**Abstract:** Grosheimin (1) and cynaropicrin (3) sesquiterpenes were isolated from the flowers of *Centaurea helenioides* Boiss., an endemic plant of Turkey. The products are known as they occur in another species, but they were isolated and identified for the first time from *C. helenioides* Boiss. In order to correlate spectral data of grosheimin, its acetyl derivative, 8 $\alpha$ -acetyl grosheimin (2) was also prepared. Their structures were deduced by FT-IR, UV, 1D and 2D NMR, LC MS/MS, GC-mass spectra (EI), optical rotation, and chemical methods.



**Key Words:** *Centaurea helenioides* Boiss., Compositae, Sesquiterpene lactones, Grosheimin, Cynaropicrin

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