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Authors: Claudio Frezza, Alessandro Venditti, Fabio Sciubba, Pierpaolo Tomai, Marika Antonetti, Marco Franceschin, Maria Enrica Di Cocco, Alessandra Gentili, Maurizio Delfini, Mauro Serafini, Armandodoriano Bianco



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# Phytochemical profile of *Euphorbia peplus* L. collected in Central Italy and NMR semi-quantitative analysis of the diterpenoid fraction

Claudio Frezza<sup>a</sup>, Alessandro Venditti<sup>b,\*</sup>, Fabio Sciubba<sup>b</sup>, Pierpaolo Tomai<sup>b</sup>, Marika Antonetti<sup>b</sup>, Marco Franceschin<sup>b</sup>, Maria Enrica Di Cocco<sup>b</sup>, Alessandra Gentili<sup>b</sup>, Maurizio Delfini<sup>b</sup>, Mauro Serafini<sup>a</sup>, Armandodoriano Bianco<sup>b</sup>

a) Dipartimento di Biologia Ambientale, b) Dipartimento di Chimica:  
Università di Roma “La Sapienza”, Piazzale Aldo Moro 5, 00185 Rome (Italy)

\*Corresponding author: Dr. Alessandro Venditti, PhD

Corresponding author's e-mail: [alessandro.venditti@gmail.com](mailto:alessandro.venditti@gmail.com)

Corresponding author's telephone number: 0039-0649913622

Corresponding author's fax number: 0039-0649913841

## Graphical abstract

### Phytochemical profile of *Euphorbia peplus* L. collected in Central Italy and NMR semi-quantitative analysis of the diterpenoid fraction

Claudio Frezza, Alessandro Venditti\*, Fabio Sciubba, Pierpaolo Tomai, Marika Antonetti, Marco Franceschin, Maria Enrica Di Cocco, Alessandra Gentili, Maurizio Delfini, Mauro Serafini, Armandodoriano Bianco  
The separation procedure revealed the presence of fourteen components belonging to five different classes of natural compounds (triterpenoids, diterpenoids, flavonoids, caffeoyl-quinic acids and rare disaccharides) in the ethanolic extract of *E. peplus*. A semi-quantitative analysis by means of NMR Spectroscopy was performed on the diterpenoid fraction composed by jatrophanes and pepluane in order to provide the real quantities of these compounds in the same fraction and in the total extract.

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