

## Supporting Information

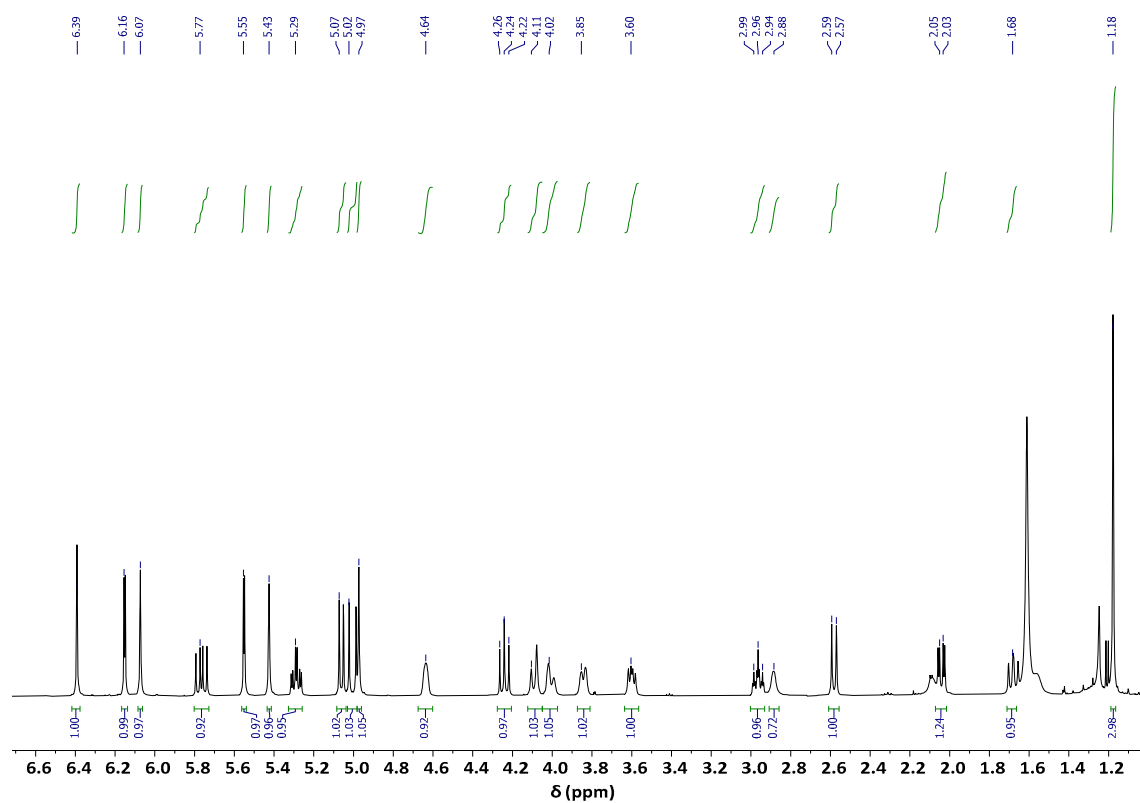
# Sesquiterpene Lactones Isolated from *Centaurea cineraria* L. subsp. *cineraria* Inhibit the Radicle Growth of Broomrape Weeds

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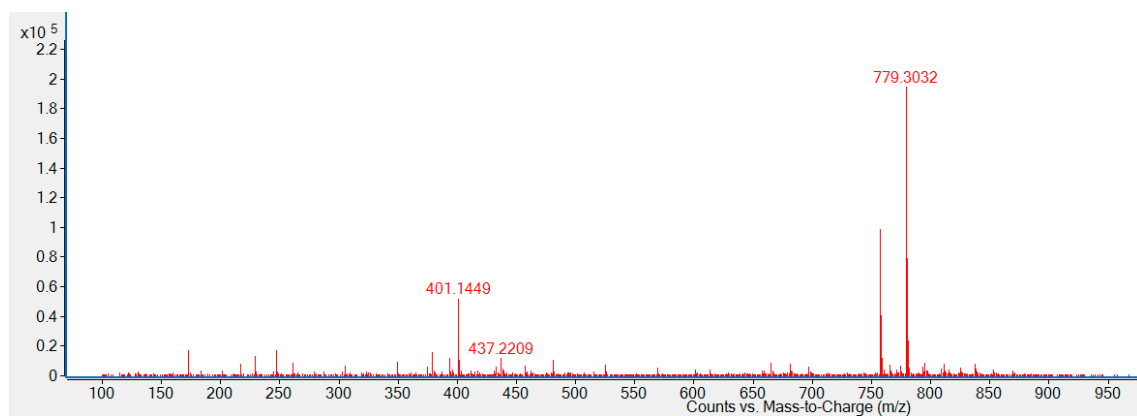
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## Supporting Information

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**Figure S1.** <sup>1</sup>H NMR spectrum of isocnicin (1) recorded in CDCl<sub>3</sub> at 400 MHz.



**Figure S2.** ESI MS spectrum of isocnicin (1) recorded in positive mode.

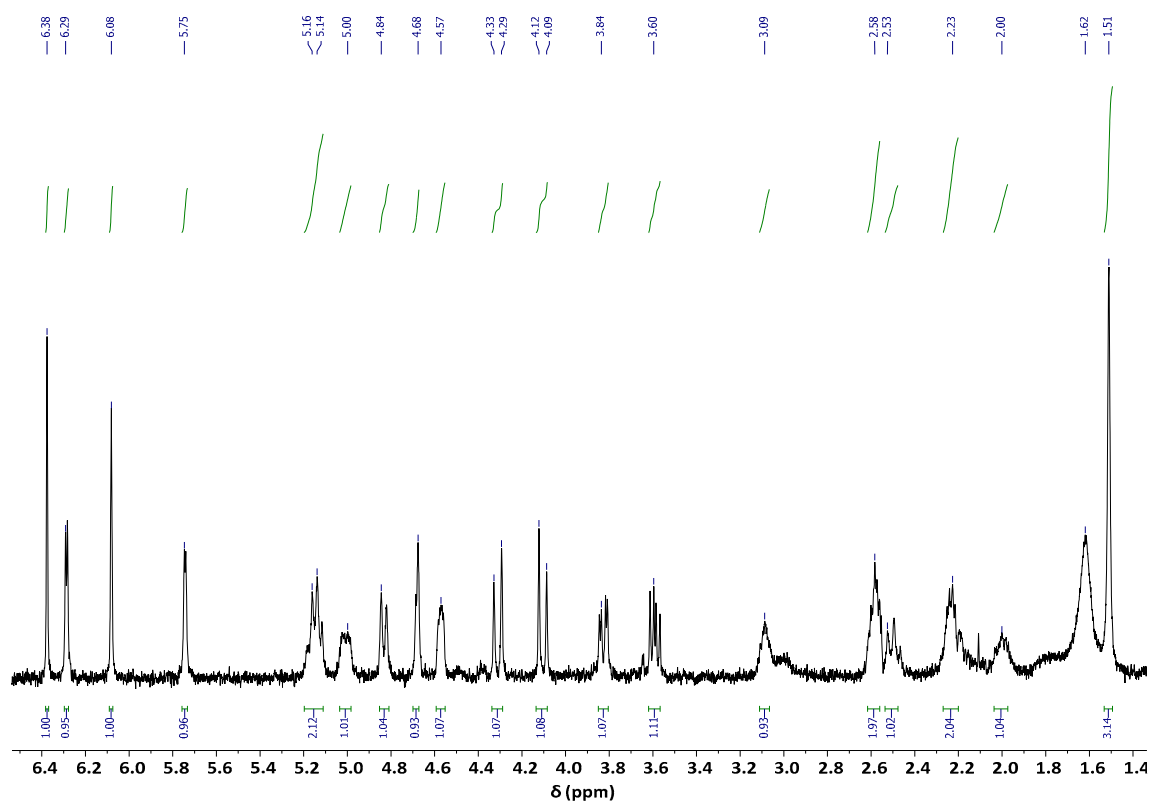


Figure S3. <sup>1</sup>H NMR spectrum of cnicin (2) recorded in CDCl<sub>3</sub> at 400 MHz.

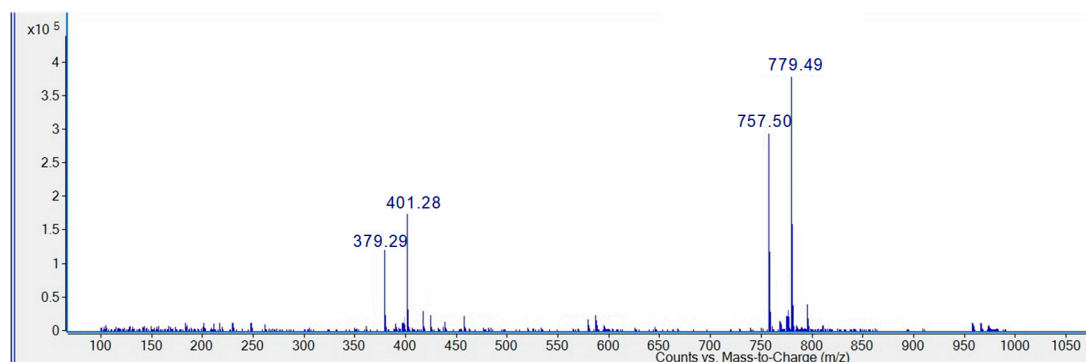
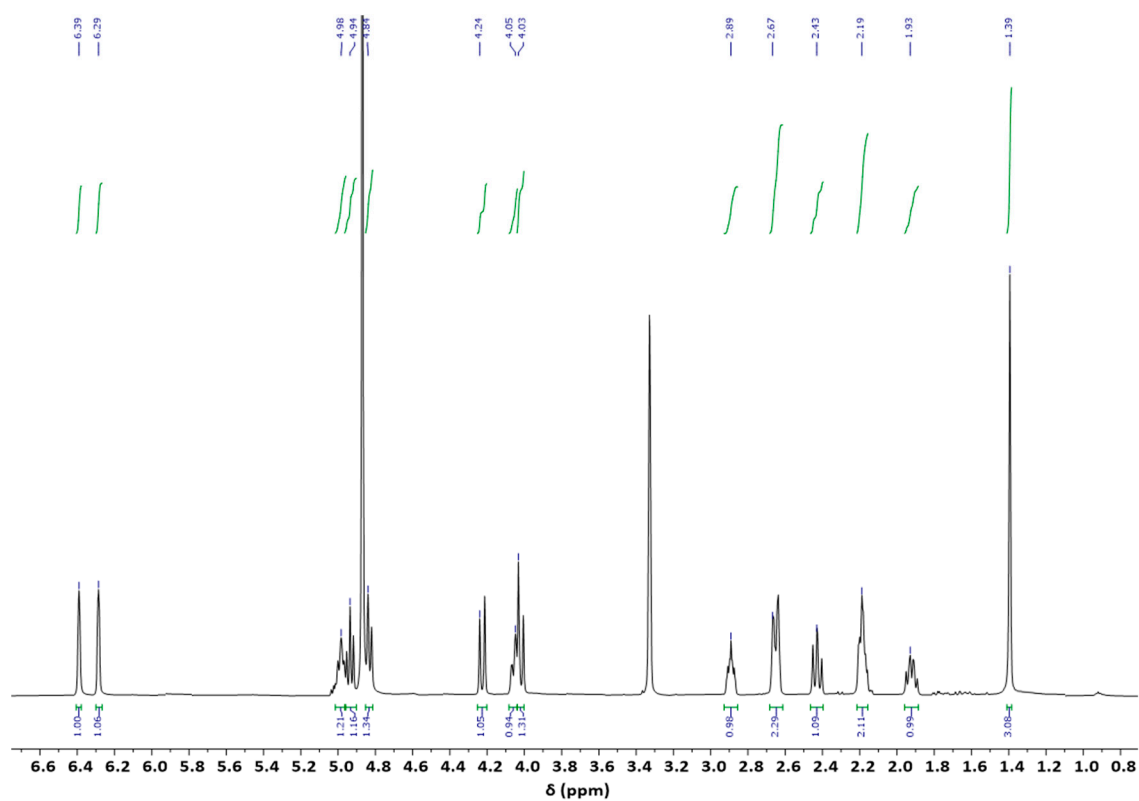
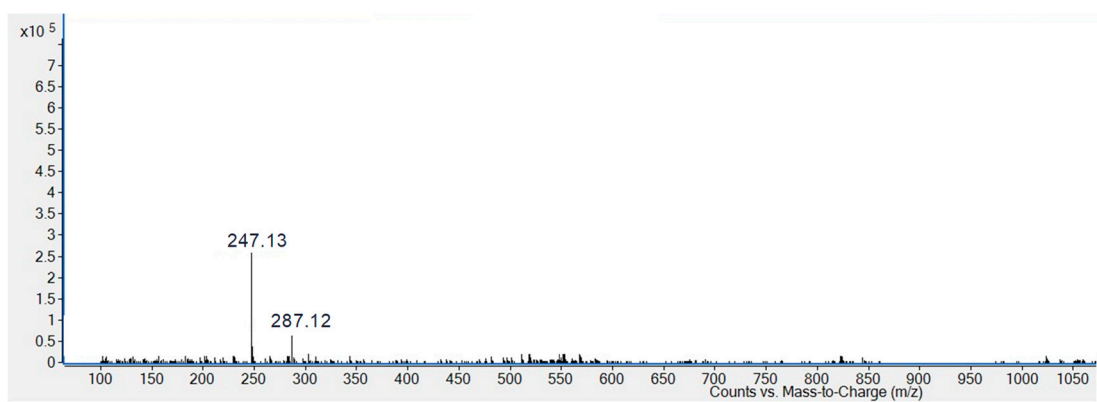


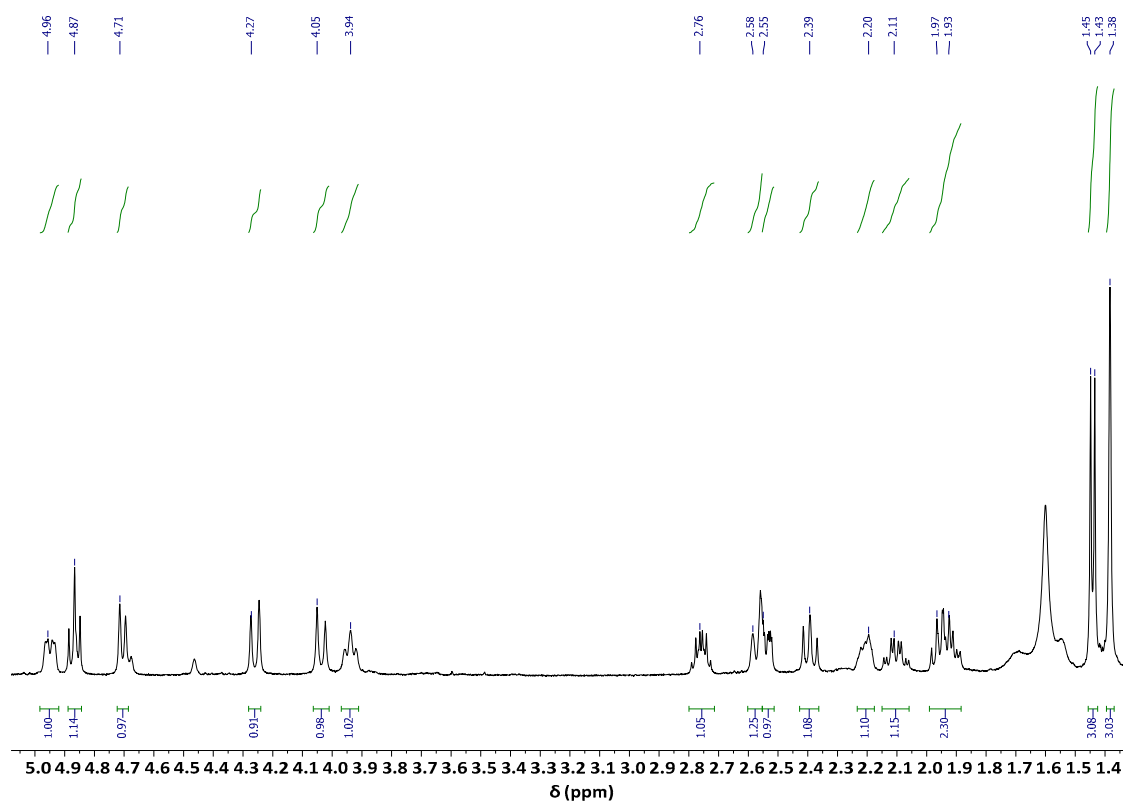
Figure S4. ESI MS spectrum of cnicin (2) recorded in positive mode.



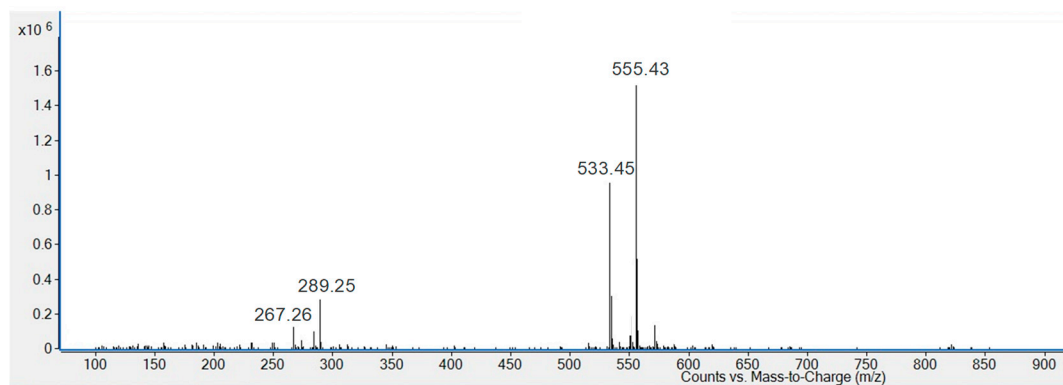
**Figure S5.** <sup>1</sup>H NMR spectrum of salonitenolide (3) recorded in MeOD at 400 MHz.



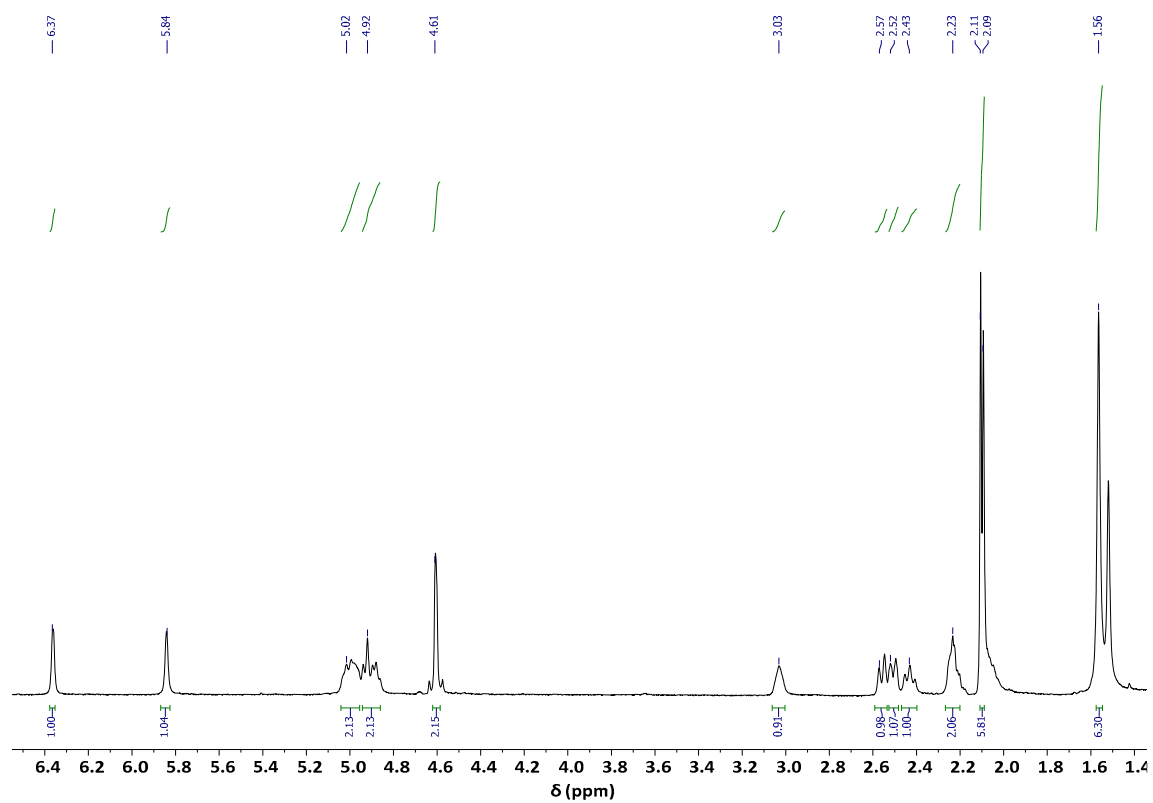
**Figure S6.** ESI MS spectrum of salonitenolide (3) recorded in positive mode.



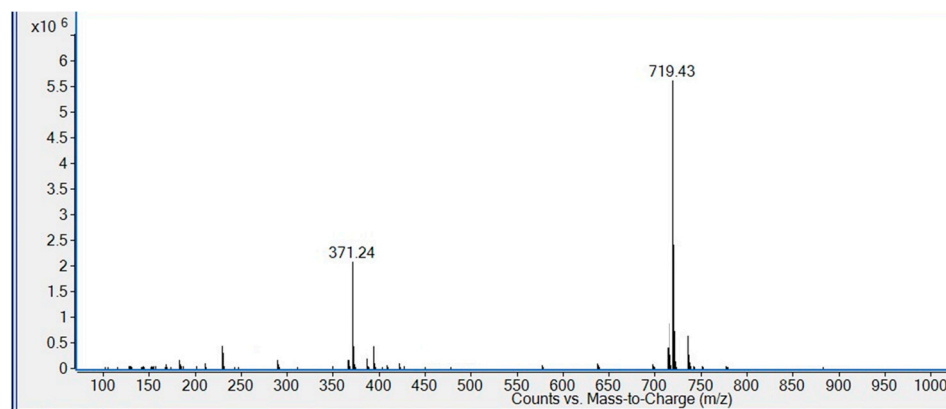
**Figure S7.** <sup>1</sup>H NMR spectrum of 11β,13-dihydrosalonitenolide (**4**) recorded in CDCl<sub>3</sub> at 400 MHz.



**Figure S8.** ESI MS spectrum of 11β,13-dihydrosalonitenolide (**4**) recorded in positive mode.



**Figure S9.** <sup>1</sup>H NMR spectrum of 8,15-*O,O'*-diacetylsalonitenolide (**5**) recorded in CDCl<sub>3</sub> at 400 MHz.



**Figure S10.** ESI MS spectrum of 8,15-*O,O'*-diacetylsalonitenolide (**5**) recorded in positive mode.