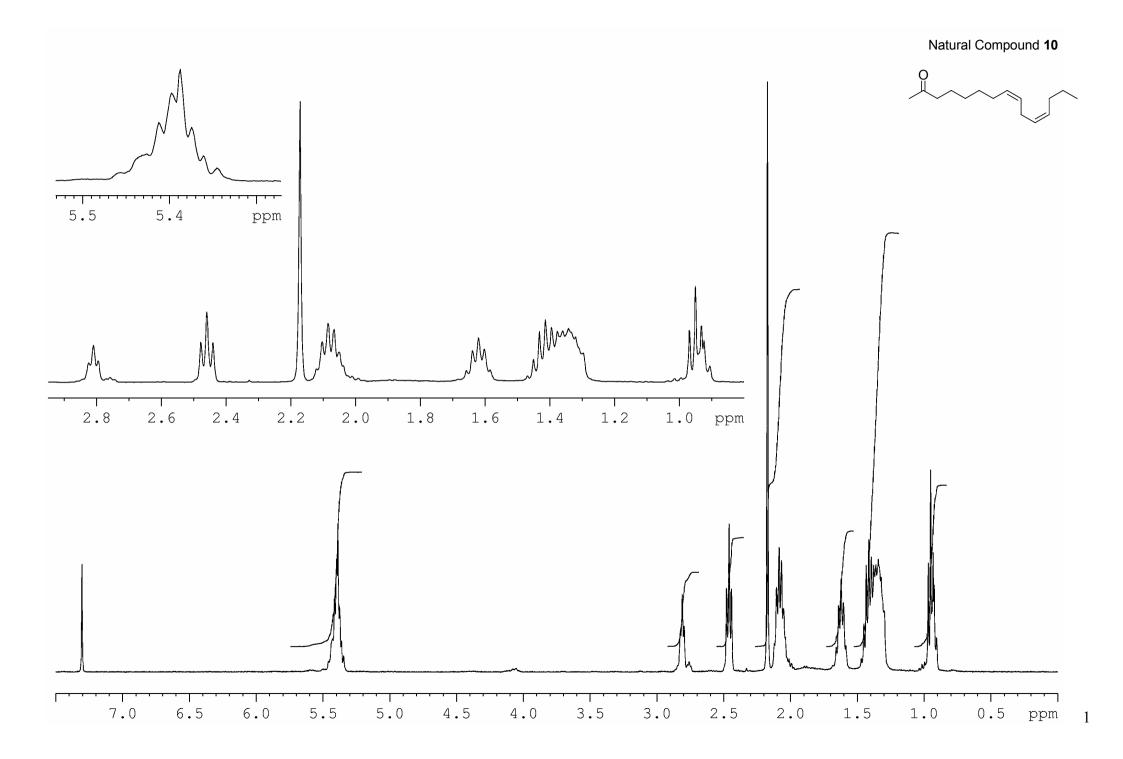
Isolation, structure elucidation and total synthesis

of a cytotoxic dienone from Echinacea pallida

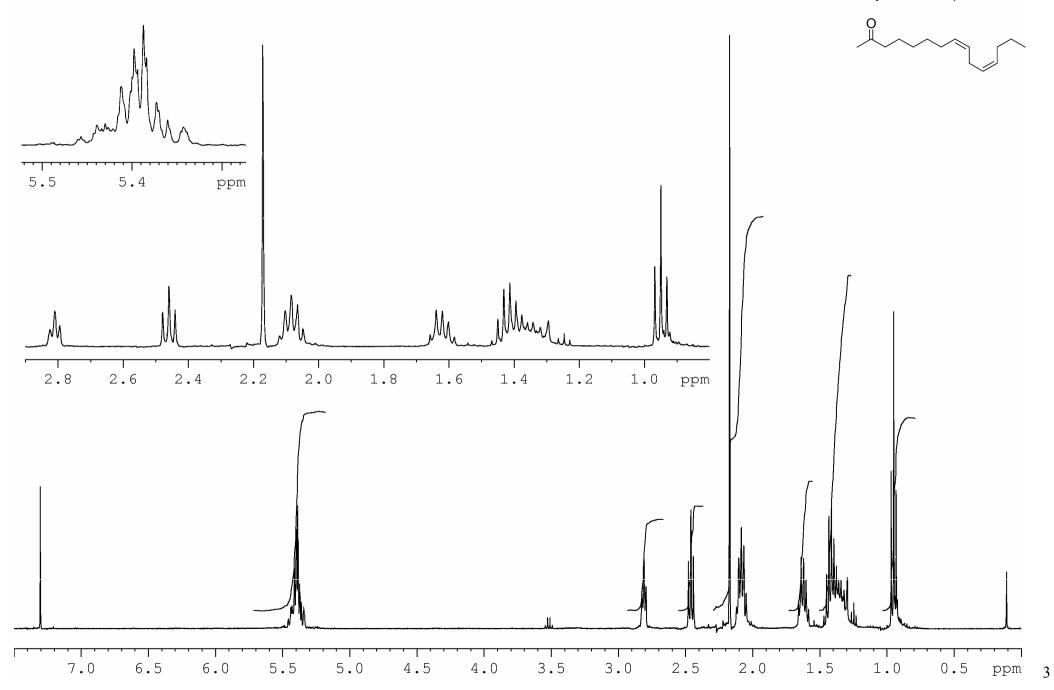
Stefania Morandi^{a,b}, Federica Pellati^{*a}, Claudia Ori^b, Barbara Adinolfi^c, Paola Nieri^c, Stefania Benvenuti^a, Fabio Prati^{*b}

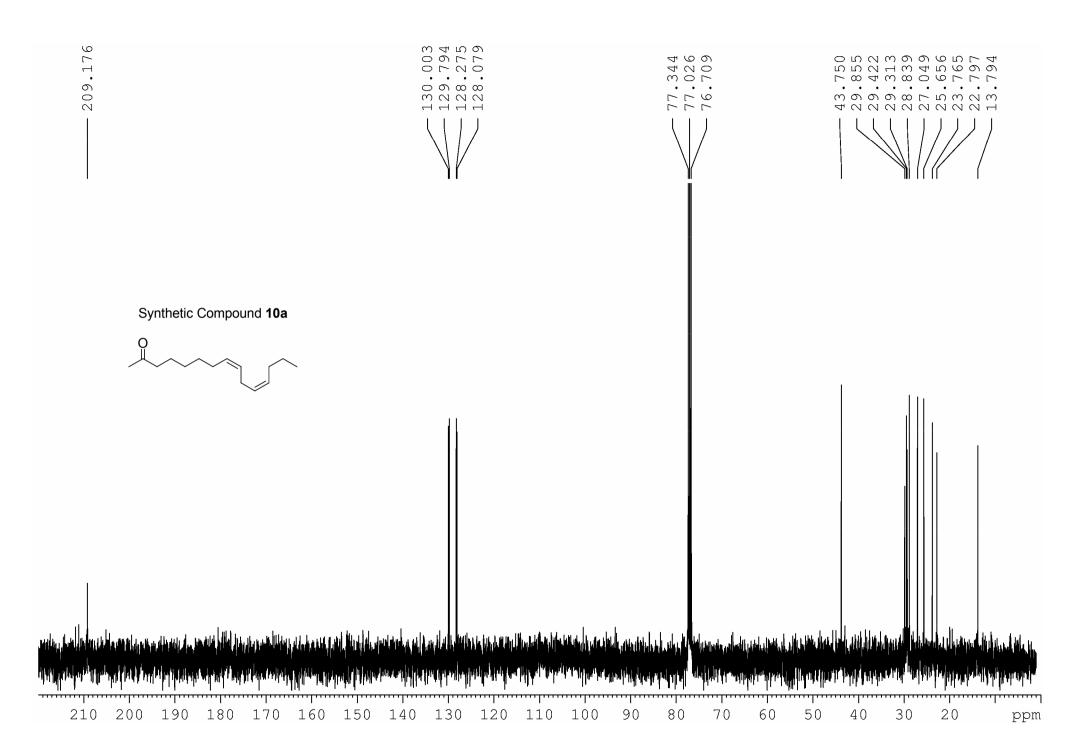
Supplementary Information

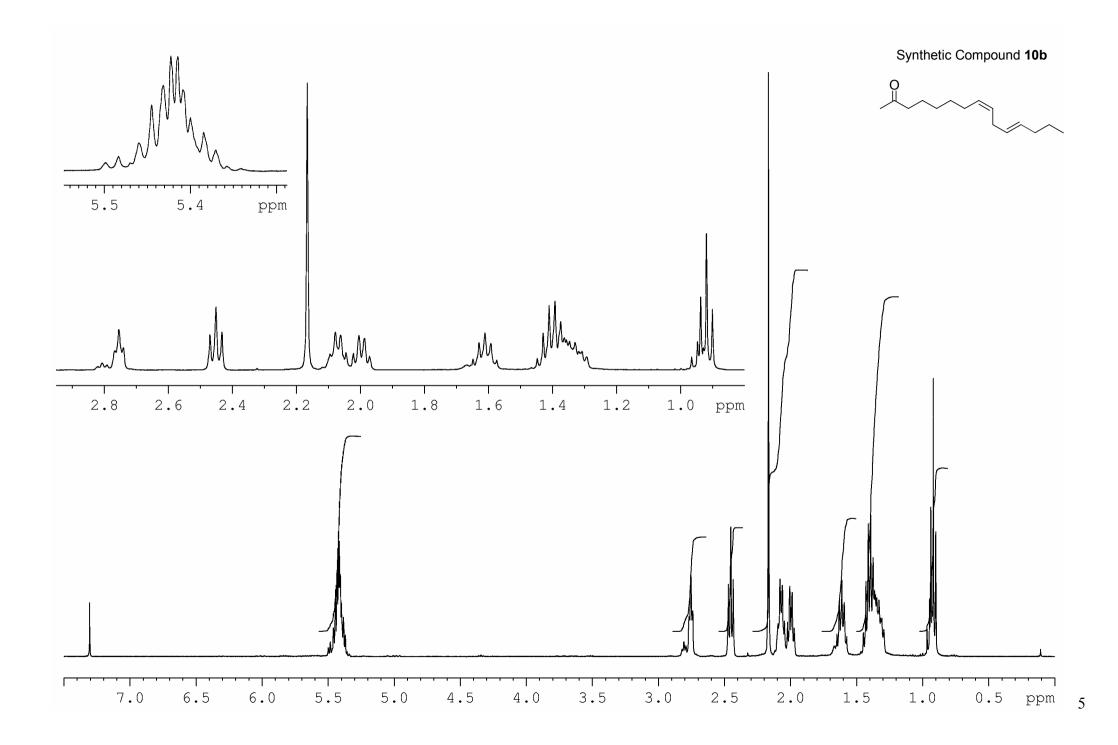
- Page 1 ¹H NMR of the natural compound **10**
- Page 2 ¹³C NMR of the natural compound **10**
- Page 3 ¹H NMR of the synthetic compound **10a**
- Page 4 ¹³C NMR of the synthetic compound **10a**
- Page 5 ¹H NMR of the synthetic compound **10b**
- Page 6 ¹³C NMR of the synthetic compound **10b**



209.143	130.213 129.992 129.781 129.483 128.273 128.073	77.356	43.752 31.800 31.800 29.853 29.730 29.423 29.423 28.972 28.972 28.972 27.247 27.247 27.247 27.247 27.247 27.247 27.247 27.247 27.247 22.676 23.769
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209.159	130.618 130.059 129.787 128.453 128.040	77.353	43.751 34.666 30.460 29.849 29.849 28.813 28.813 28.813 27.046 26.932 23.752 23.752 13.657
Synthetic Compound 1	Db		
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