

Antifungal Activity of 2-Allylphenol Derivatives on the *Botrytis cinerea* Strain: Assessment of Possible Action Mechanism

Andres F. Olea ¹, Julia Rubio ¹, Claudia Sedan ¹, Denisse Carvajal ¹, Maria Nuñez ², Luis Espinoza ², Ligia Llovera ², Gerard Nuñez ², Lautaro Torga ^{2,*} and Héctor Carrasco ^{1,*}

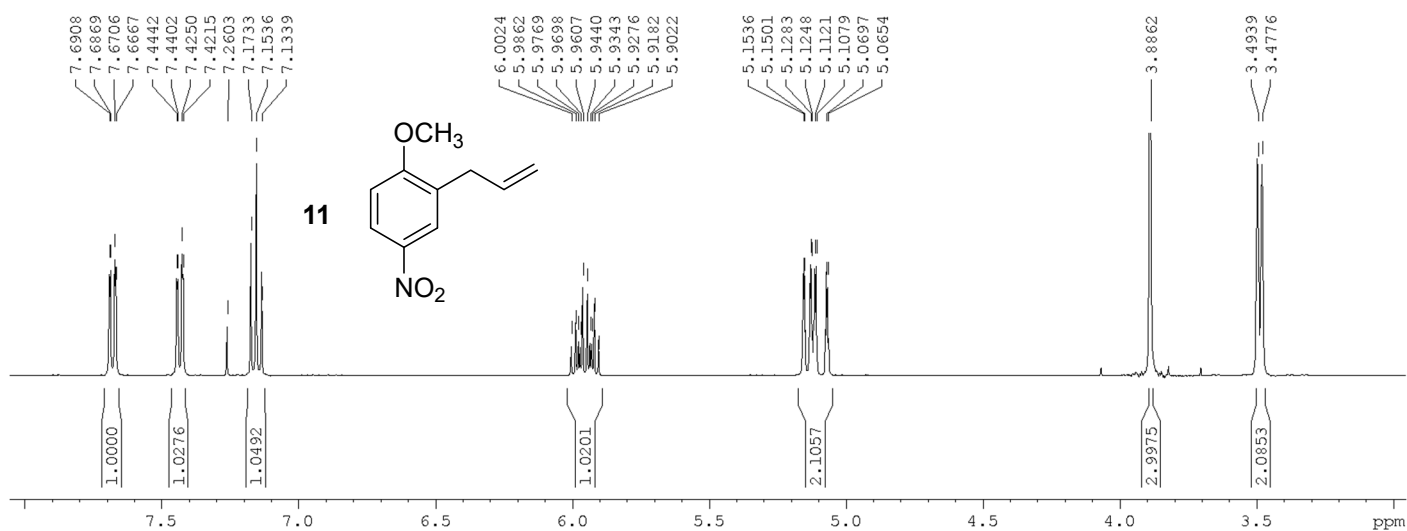
¹ Grupo QBAB, Instituto de Ciencias Químicas Aplicadas, Facultad de Ingeniería, Universidad Autónoma de Chile, San Miguel, Santiago 8900000, Chile

² Departamento de Química, Universidad Técnica Federico Santa María, Avenida España 1680, Valparaíso CP 2340000, Chile

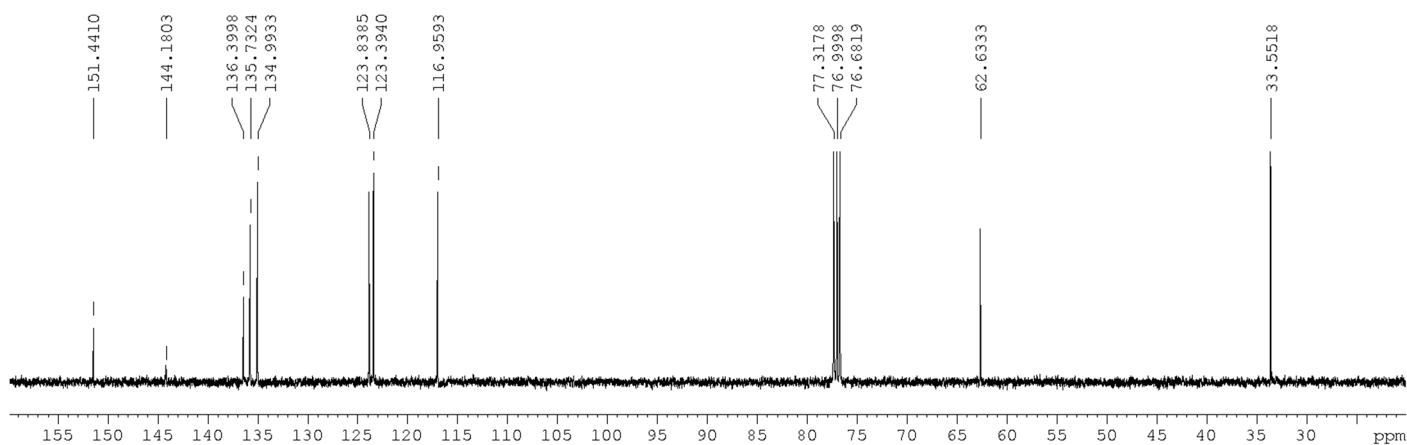
* Correspondence: lautaro.torga@usm.cl (L.T.); hector.carrasco@uautonoma.cl (H.C.)

Supplementary Materials: The following supporting information can be downloaded at: www.mdpi.com/xxx/s1, **Figure S1:** 1D-NMR spectra of 2-allyl-1-methoxy-4-nitrobenzene (**11**); **Figure S2:** 1D-NMR spectra of 2-allyl-1-methoxy-4-nitrobenzene (**11**). **Figure S3:** MS (EI+) Chromatogram and spectrum of 2-allyl-1-methoxy-4-nitrobenzene (**11**); **Table S1:** Primers (completing description)

¹H-NMR



¹³C-NMR



Dept-135

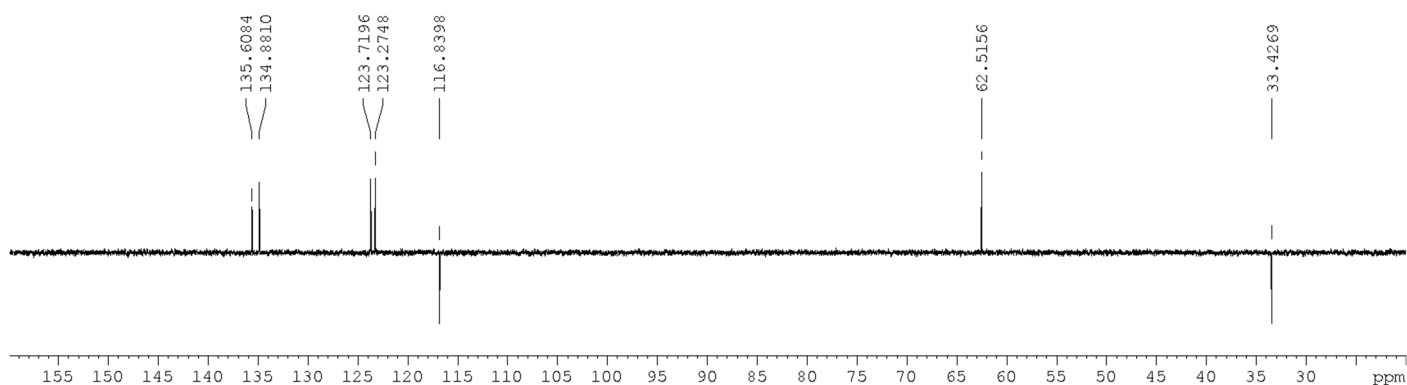
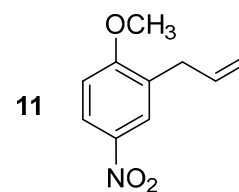
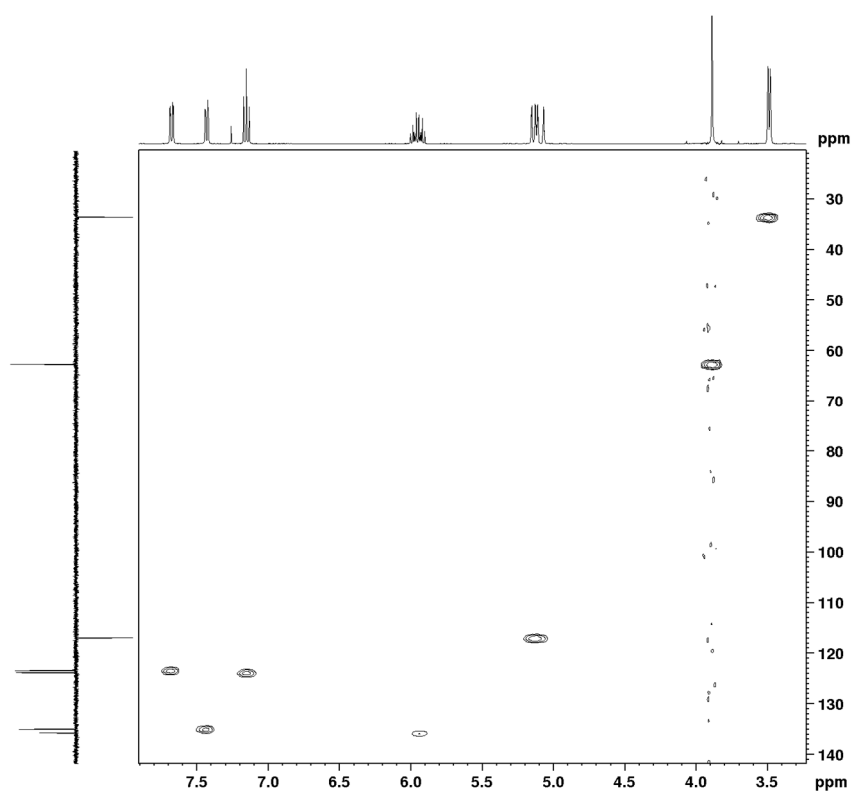


Figure S1: 1D-NMR spectra of 2-allyl-1-methoxy-4-nitrobenzene (**11**).

2D-HSQC



2D-HMBC

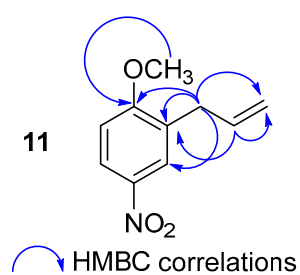
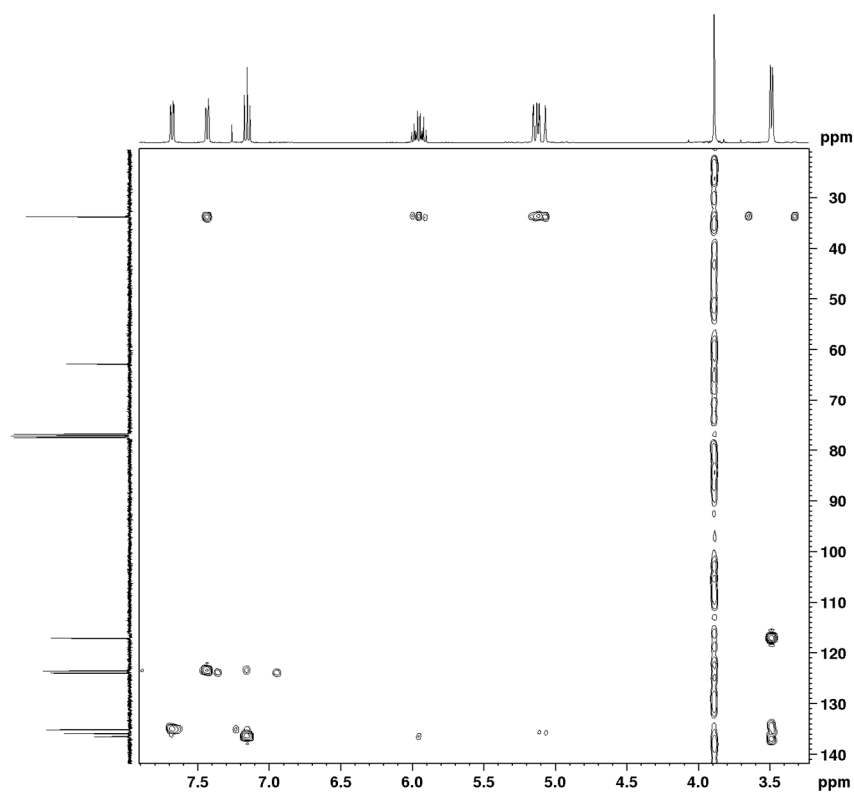
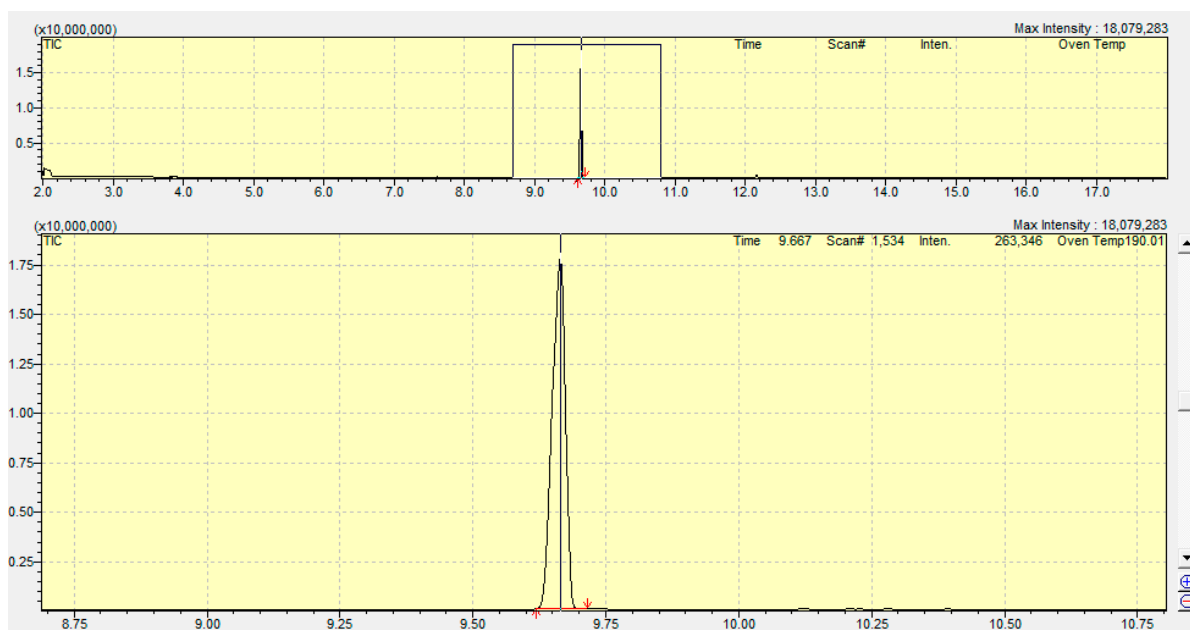


Figure S2: 2D-NMR spectra of 2-allyl-1-methoxy-4-nitrobenzene (**11**).

Chromatogram: retention time 9.665 min.



[M+] 193 m/z

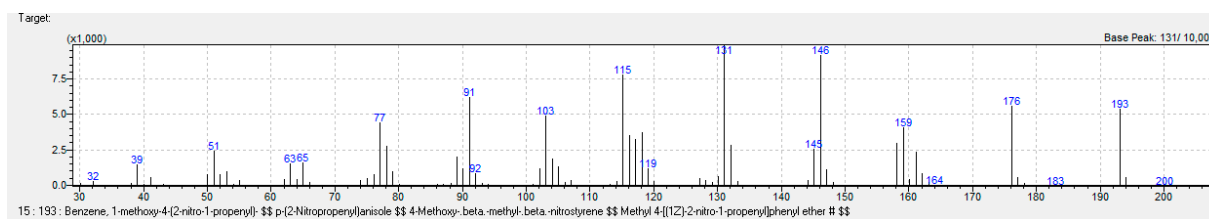


Figure S3: GC/MS (EI⁺) Chromatogram and spectrum of 2-allyl-1-methoxy-4-nitrobenzene (11).

Table S1: Primers

Primers	Sequences	T _m °C	Primer's efficiency
<i>cas-1</i> F	5'-ATGGAGGCTATGGAGCACCA-3'	57	97
<i>cas-1</i> R	5'-GCAACACCGCTCATATCACCT-3'		
<i>Bcaox</i> F	5'-CAATGTATGTATCAAGGGTA-3'	57	99
<i>Bcaox</i> R	5'-TCTTCATGCGATCCCTCA-3'		
<i>Bchex</i> F	5'-TCTACTTCAACGAGGCTTC-3'	57	99
<i>Bchex</i> R	5'-CACCAGATTGACCGAAAAC-3'		
<i>BcUBcE</i> F	5'-CATCAACTCCAACGGAAGCA-3'	57	98
<i>BcUBcE</i> R	5'-TCGGTCGGTCTTGTAACGT-3'		