

Antiviral and Antioxidant Potential of Fungal Endophytes of Egyptian Medicinal Plants

Khaled A. Selim^{1,2,*}, Waill A. Elkhateeb¹, Ahmed M. Tawila³, Ahmed A. El-Beih^{1,*}, Tahany M. Abdel-Rahman⁴, El- Diwany Al¹ and Eman F. Ahmed¹

Supplementary Figures:

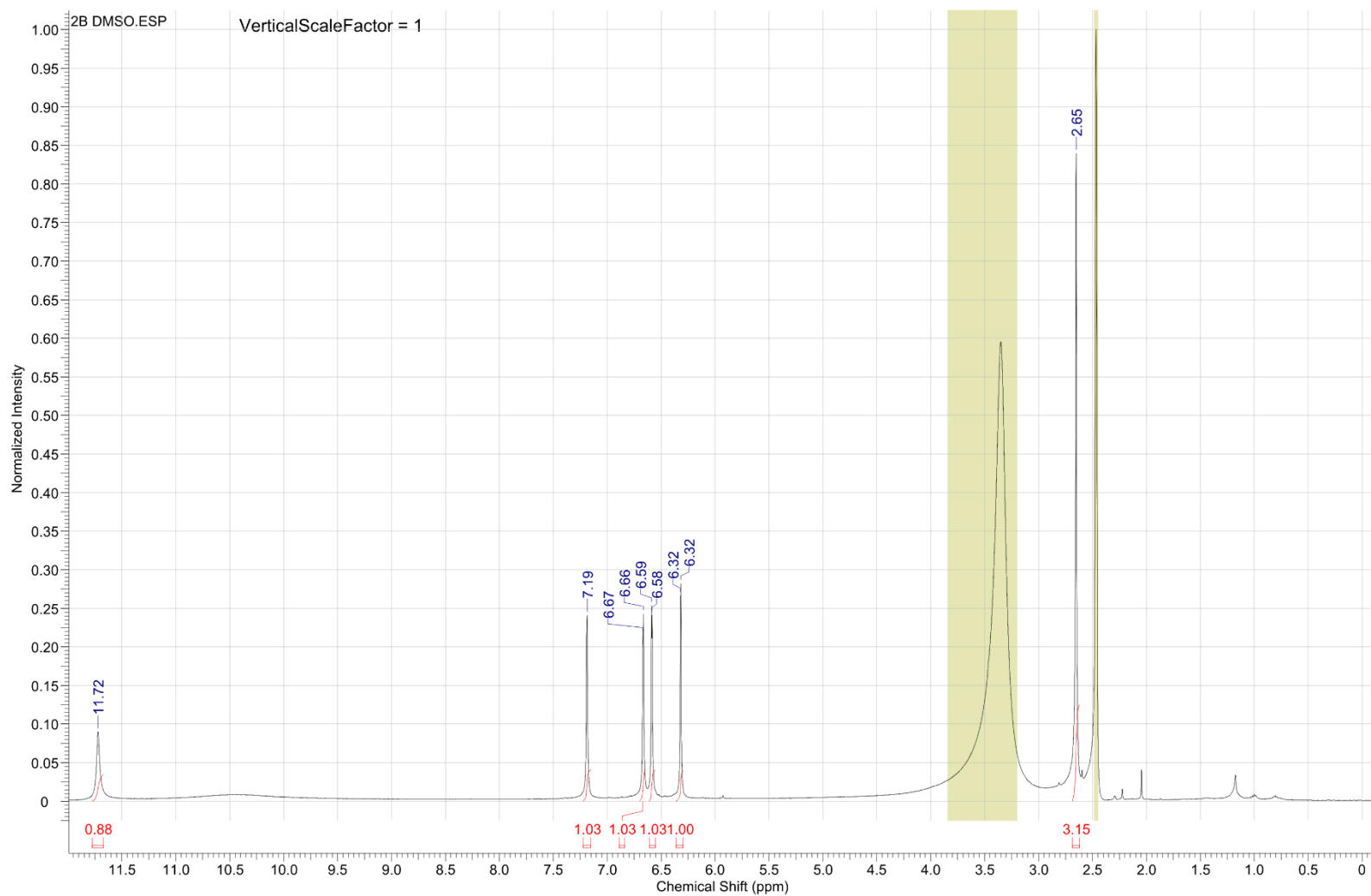


Fig S1: The ¹H-NMR spectrum of alternariol.

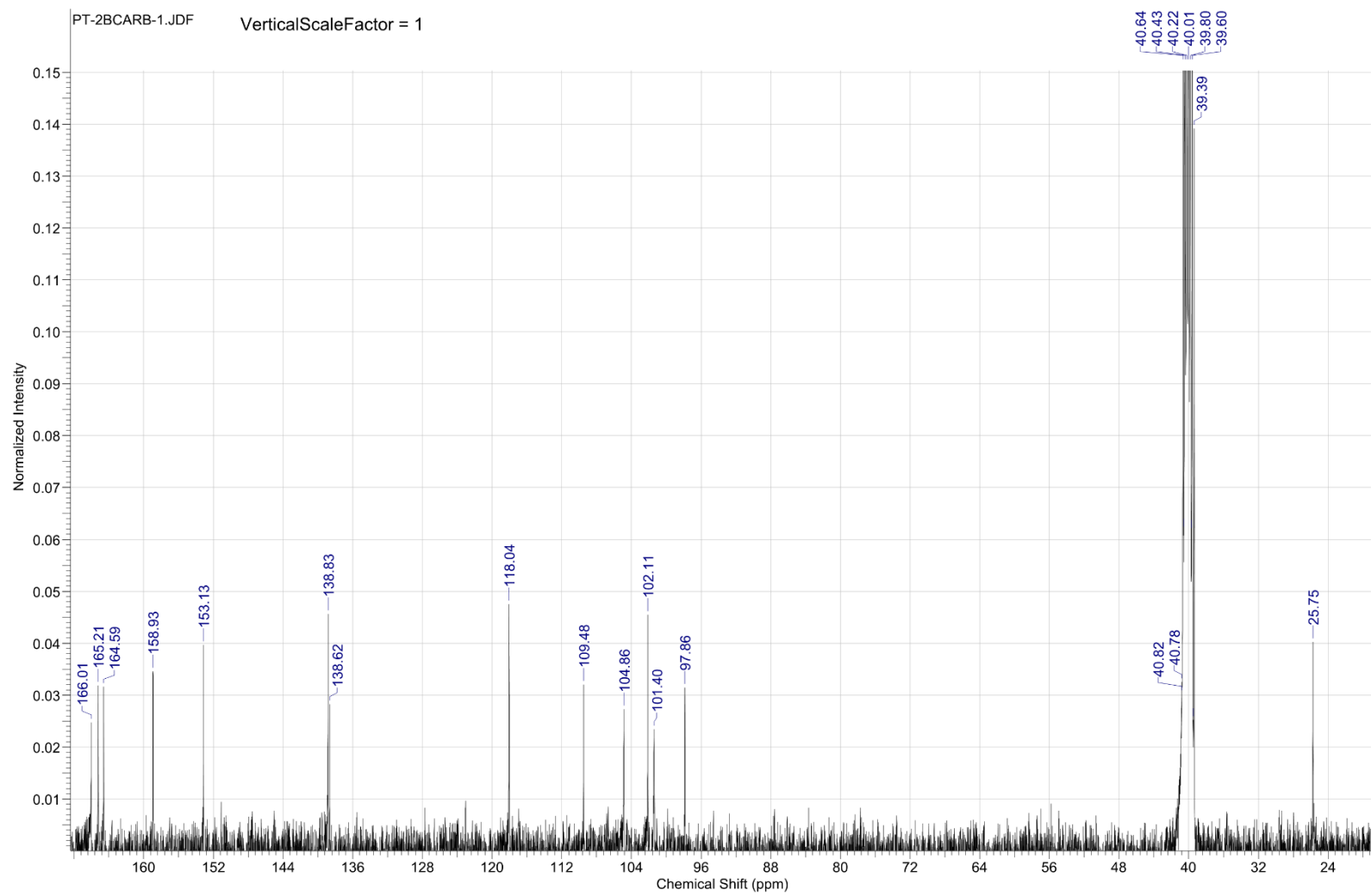
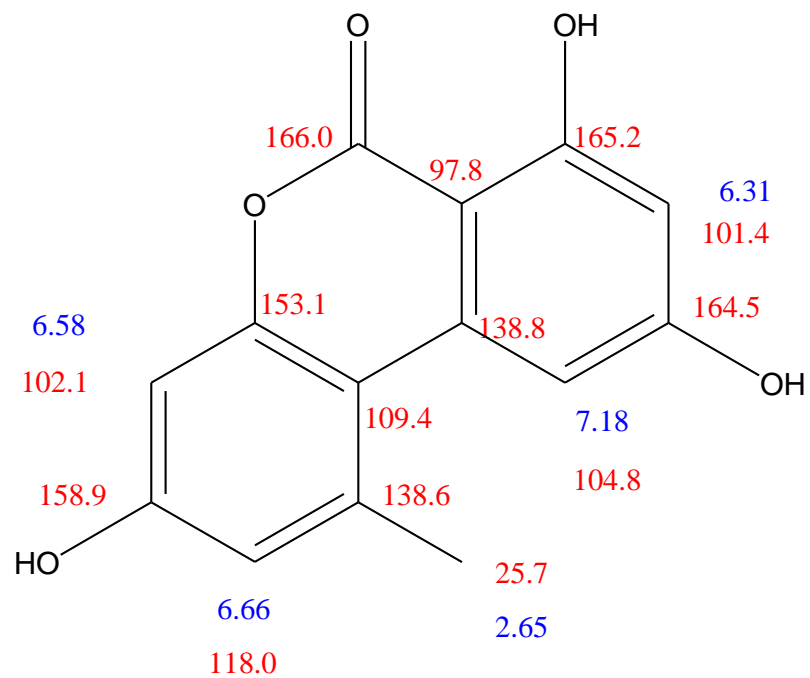
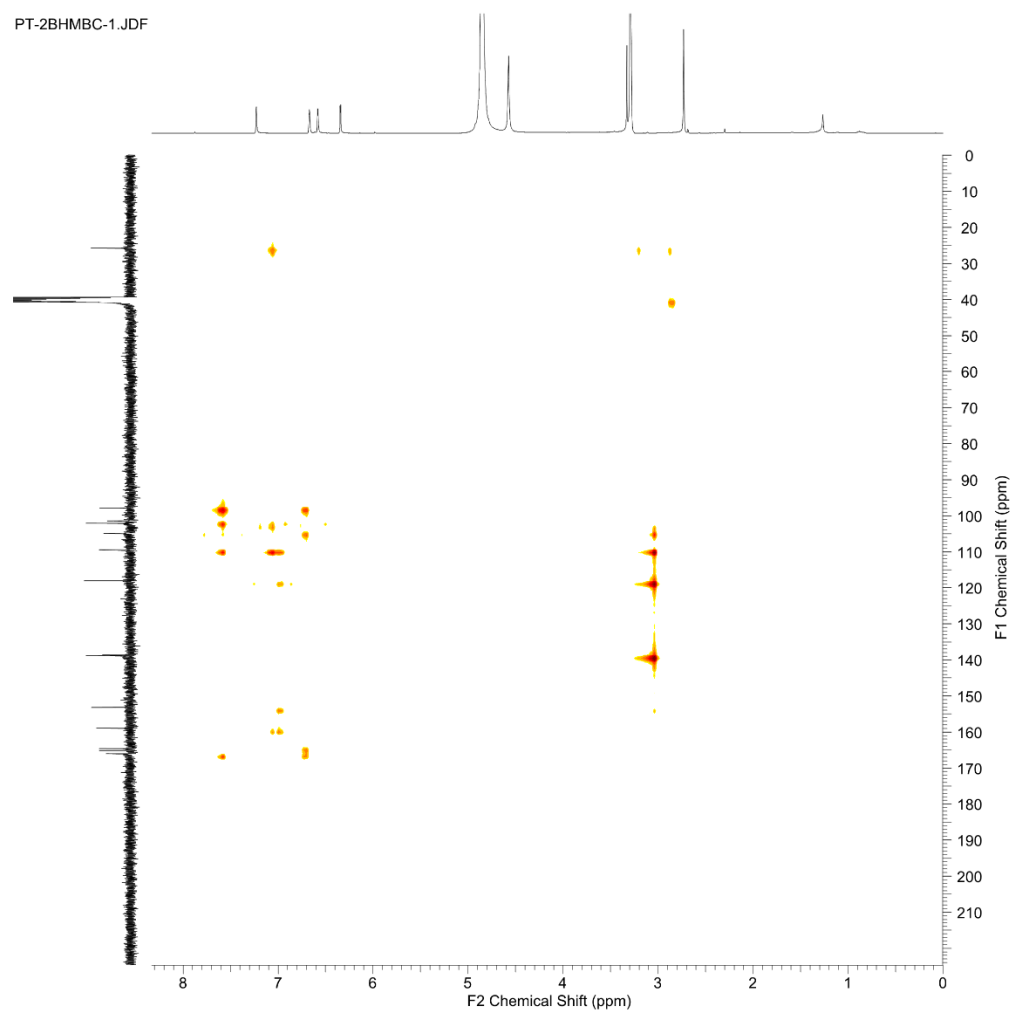


Fig S2: The ^{13}C -NMR spectrum of alternariol.

PT-2BHMB-1.JDF



Alternariol

Fig S3: HMBC correlation spectrum of alternariol.

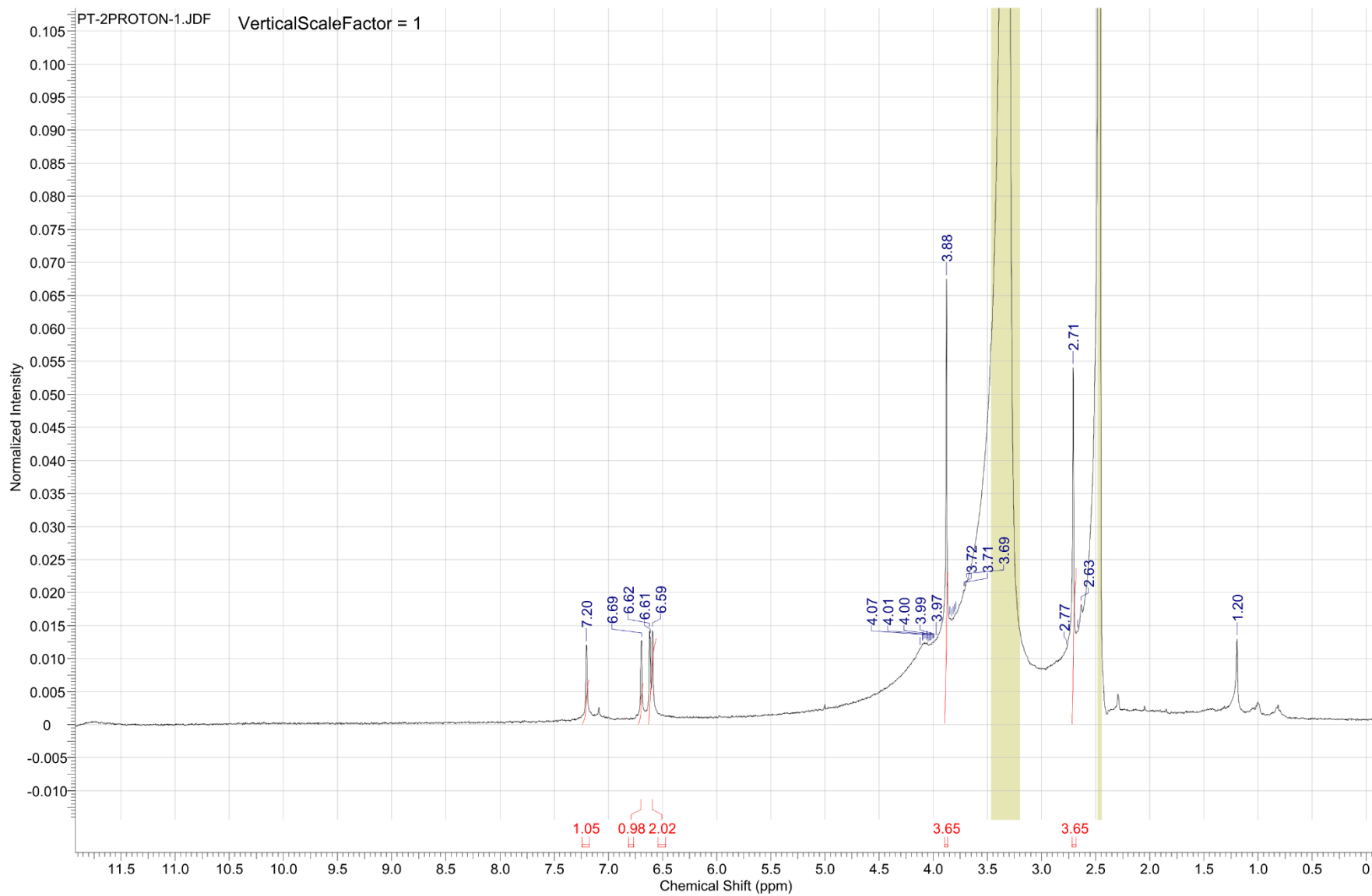


Fig S4: The $^1\text{H-NMR}$ spectrum of alternariol-(9)-methyl ether.

Table S1. Classification of the isolated *Aspergillus* and *Penicillium* species.

Group		Species
<i>Aspergillus flavus</i>		<i>Aspergillus flavus</i>
<i>Aspergillus niger</i>		<i>Aspergillus niger</i>
<i>Aspergillus versicolor</i>		<i>Aspergillus sydowii</i>
		<i>Aspergillus versicolor</i>
Section		Species
Biverticillata Asymmetrica	Subsection: Velutina	<i>Penicillium chrysogenum</i>
		<i>Penicillium corylophilum</i>

Table S2. Isolated fungi other than *Aspergillus* and *Penicillium*.

Fungal Genera and Species
<i>Absidia</i>
<i>A. Corymbifora</i>
<i>Acremonium</i>
<i>Alternaria</i>
<i>A. alternata</i>
<i>Chaetomium</i>
<i>C. globosum</i>
<i>C. spirale</i>
<i>Cochliobolus</i>
<i>C. lunatus</i>
<i>Fusarium</i>
<i>F. oxysporum</i>
<i>Mucor</i>
<i>M. fuscus</i>
<i>Nigrospora sphaerica</i>
<i>Phoma</i>
<i>P. levillei</i>
<i>Pleospora</i>
<i>P. tarda</i>
<i>Scopulariopsis</i> sp.
<i>Ulocladium</i>
<i>U. atrum</i>
<i>U. chartarum</i>
Yeast
Fungi with sterile mycelia (White & Dark)
