

Supplementary Figures

HPLC, NMR based characterization, antioxidant and anticancer activities of chemical constituents from therapeutically active fungal endophytes

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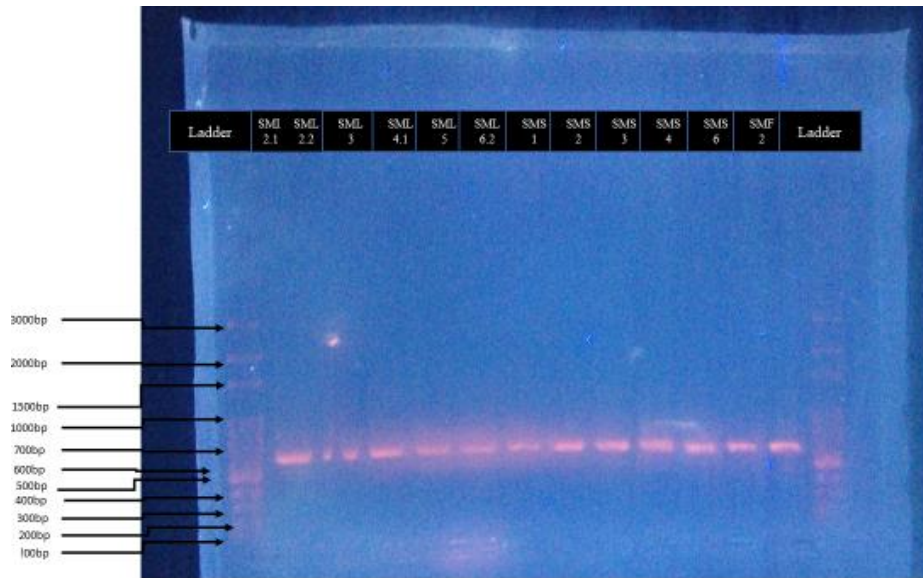
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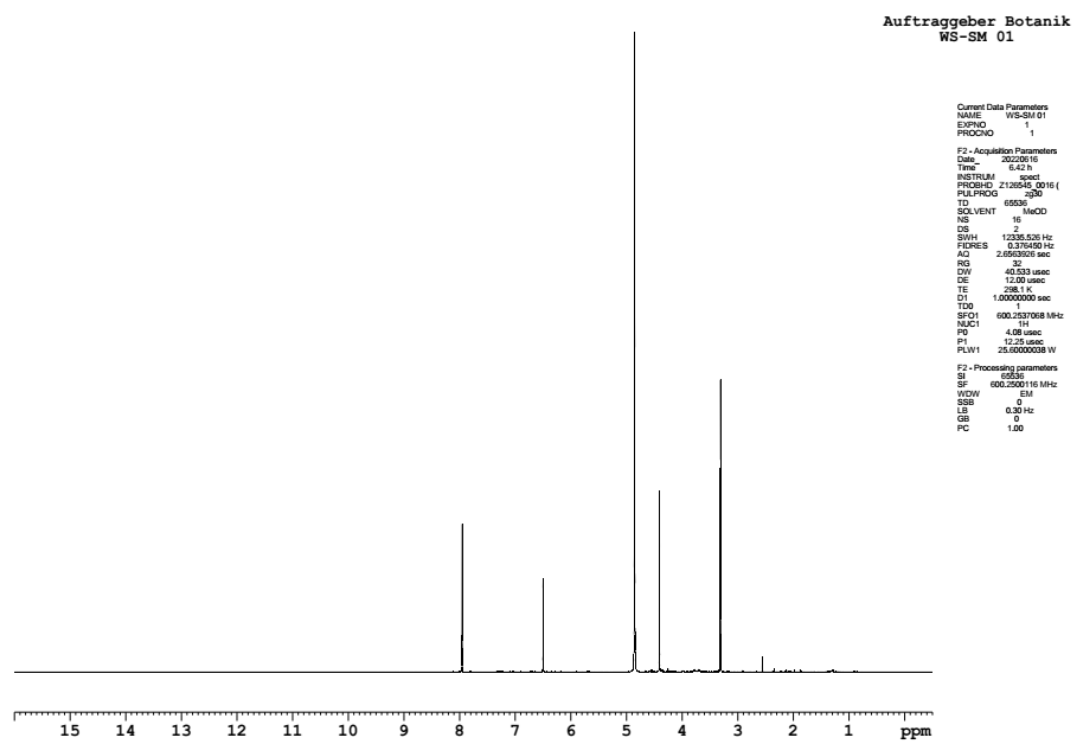
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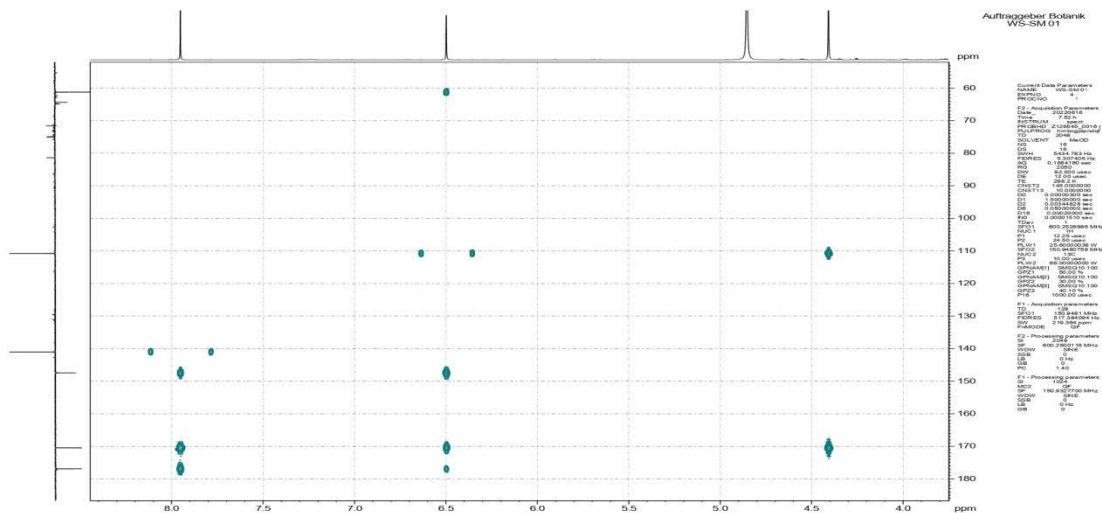


Supplementary Fig S1. Polymerase chain reaction of endophytic fungi. Both corners contain a ladder of (100-3000 bps).

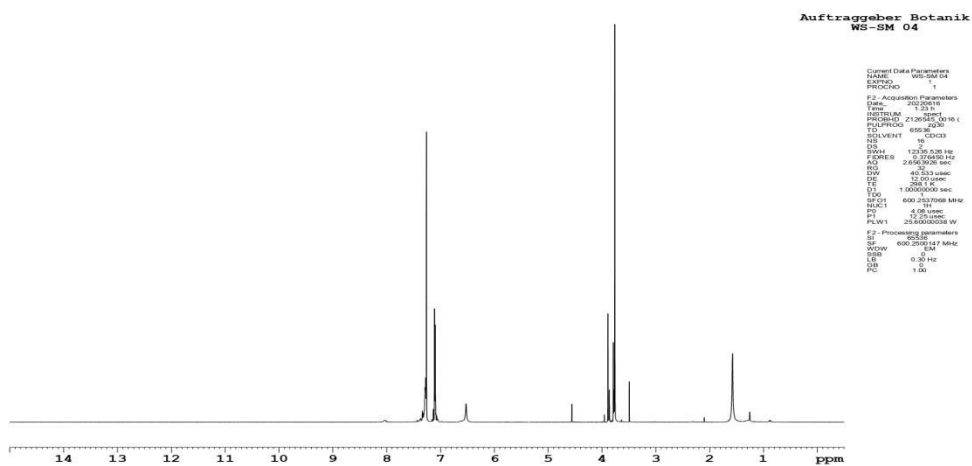
The product size of the primer was 618 bps.



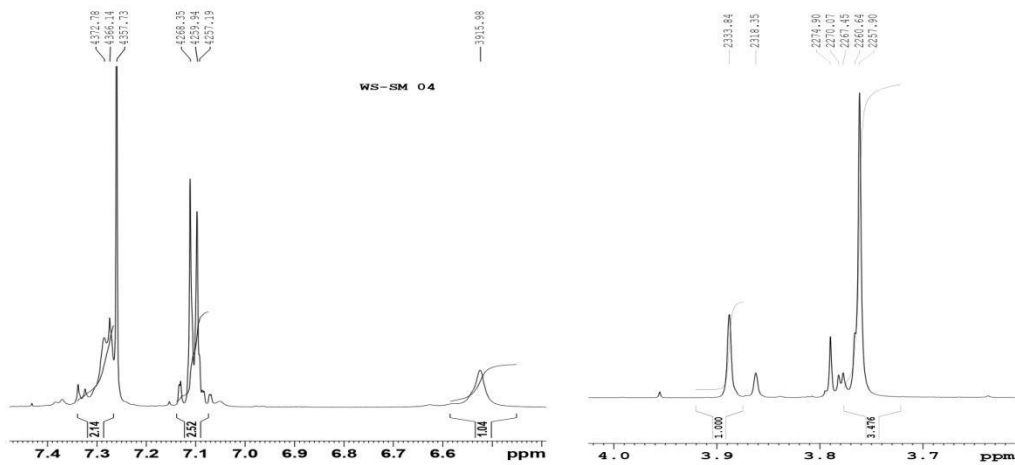
Supplementary Fig. S2. ¹H Spectrum of kojic acid.



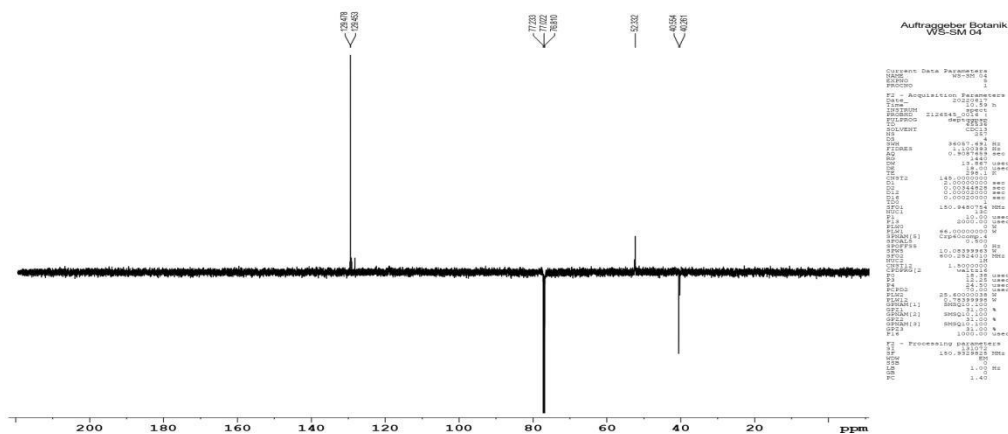
Supplementary Fig. S5. HMBC (Heteronuclear Multiple Bond Correlation) spectrum of kojic acid.



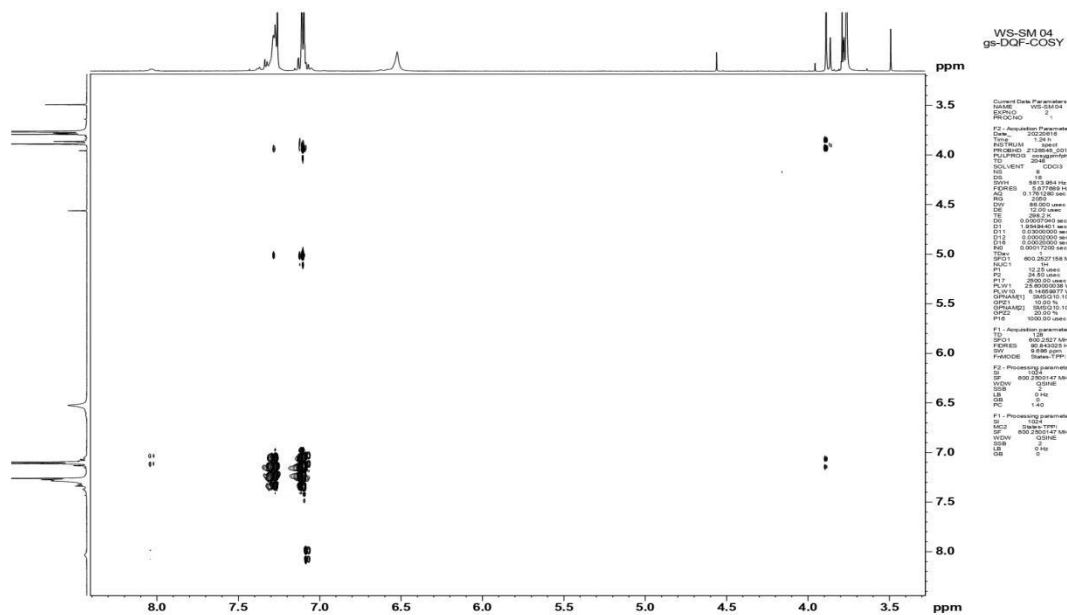
Supplementary Fig. S6: ¹H Spectrum of compound 2 carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester.



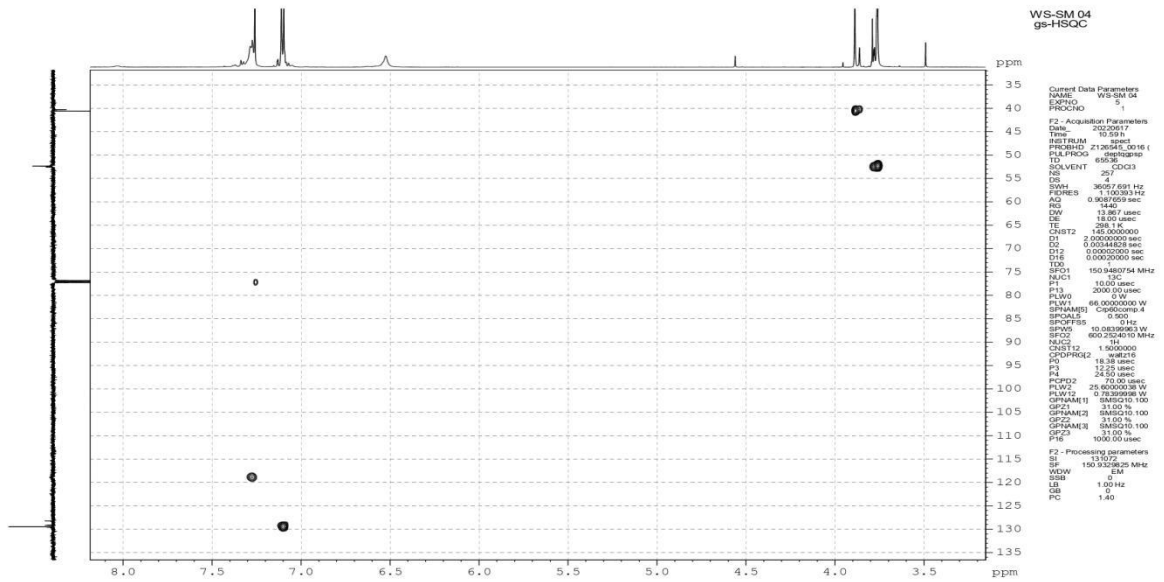
Supplementary Fig. S7: ^1H Spectrum of compound 2 carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester, expanded regions.



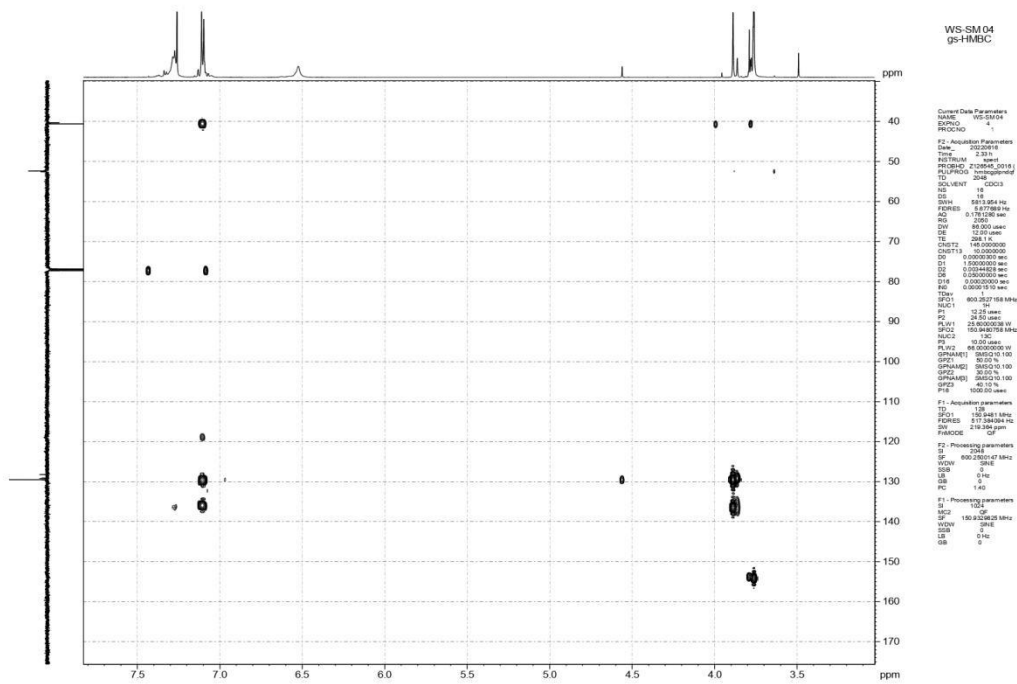
Supplementary Fig S8. ^{13}C jmod spectrum of carbamic acid.



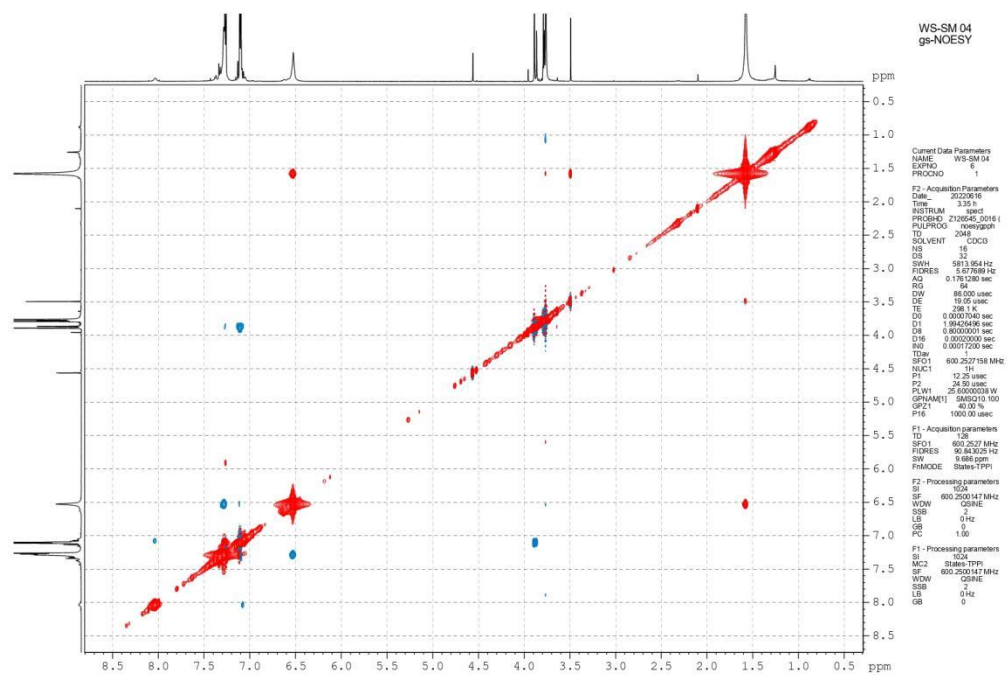
Supplementary Fig. S9. COSY spectrum of carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester.



Supplementary Fig. S10. HSQC spectrum of carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester.

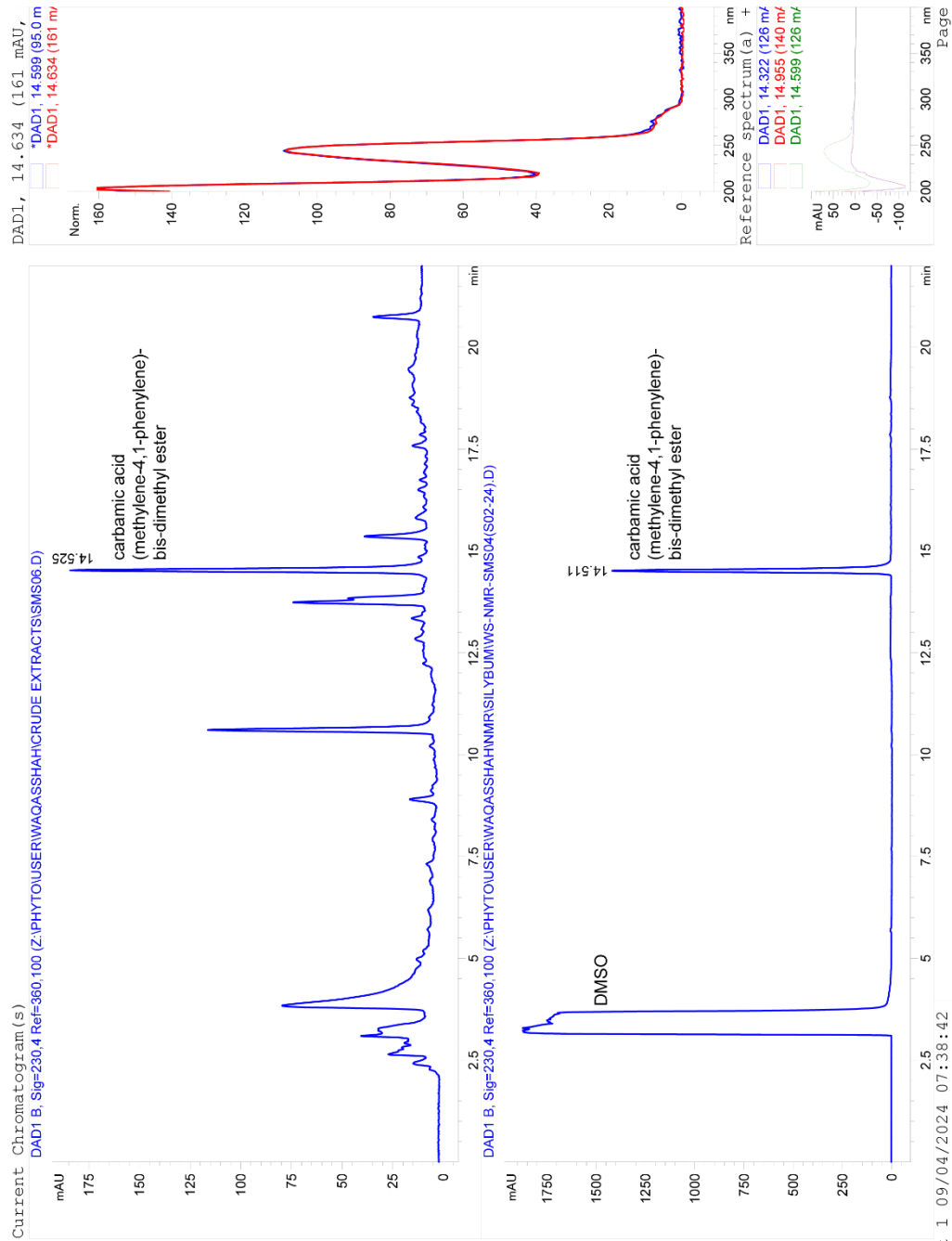


Supplementary Fig. S11. HMBC (Heteronuclear Multiple Bond Correlation) spectrum of carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester.



Supplementary Fig. S12. NOESY(Nuclear Overhauser Effect Spectroscopy) spectrum of carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester

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Supplementary Fig. S13. HPLC-UV-DAD chromatogram of the crude extract and the purified carbamic acid (methylene-4, 1-phenylene) bis-dimethyl ester.