Catalysts **2019**, *9*, 112; doi:10.3390/catal9020112 www.mdpi.com/journal/catalysts

Microbial Biosynthesis of Antibacterial Chrysoeriol in Recombinant *Escherichia coli* and Bioactivity Assessment

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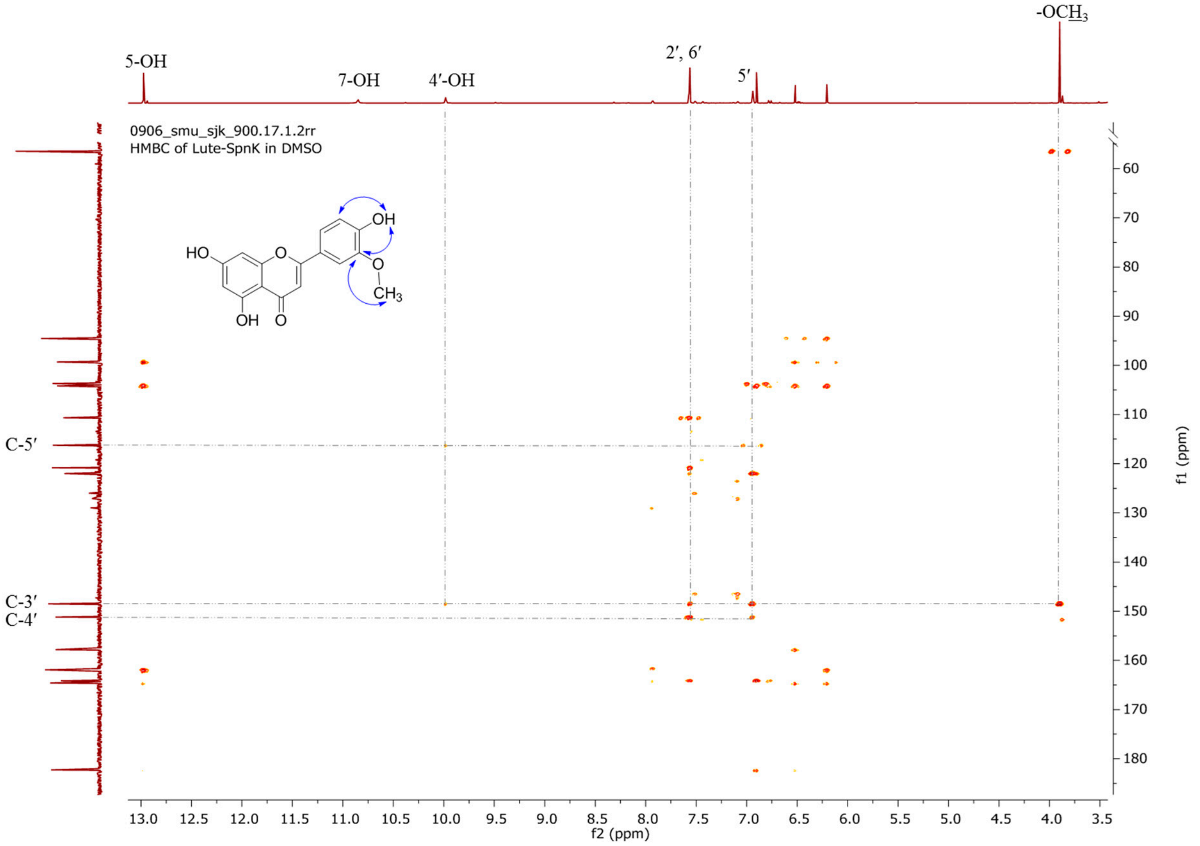


Figure S1. HMBC analysis of chrysoeriol (DMSO-d_6,900 MHz).

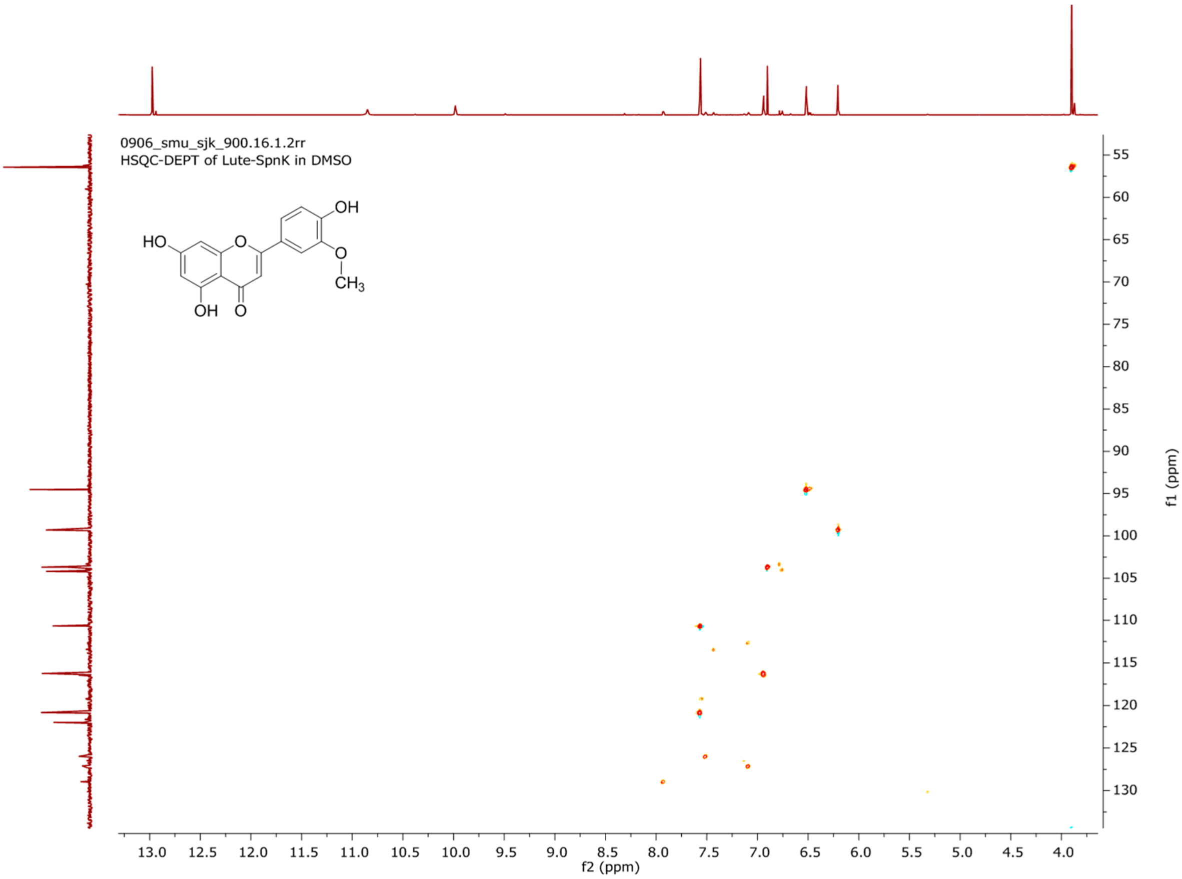
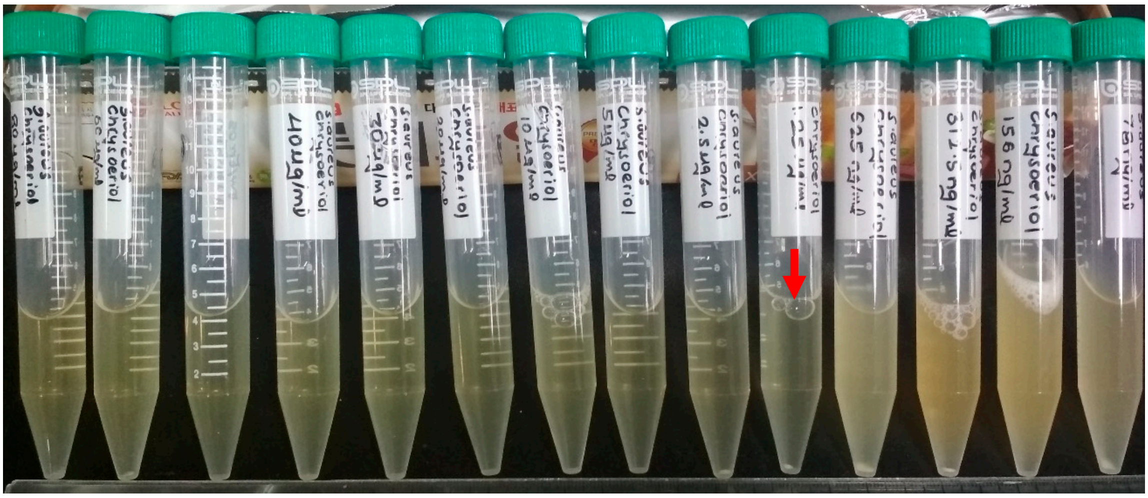


Figure S2. HSQC-DEPT analysis of chrysoeriol (DMSO-d_6,900 MHz).

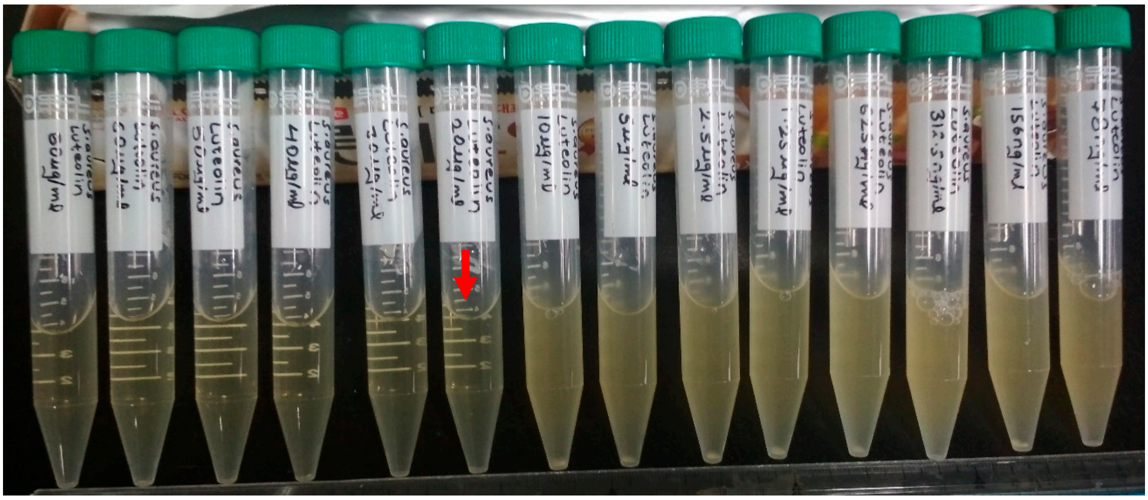
(A)

(i)



80 μg/mL 60 μg/mL 50 μg/mL 40 μg/mL 30 μg/mL 20 μg/mL 10 μg/mL 5 μg/mL 2.5 μg/mL 1.25 μg/mL 625 ng/mL 312.5 ng/mL 156 ng/mL 78 ng/mL

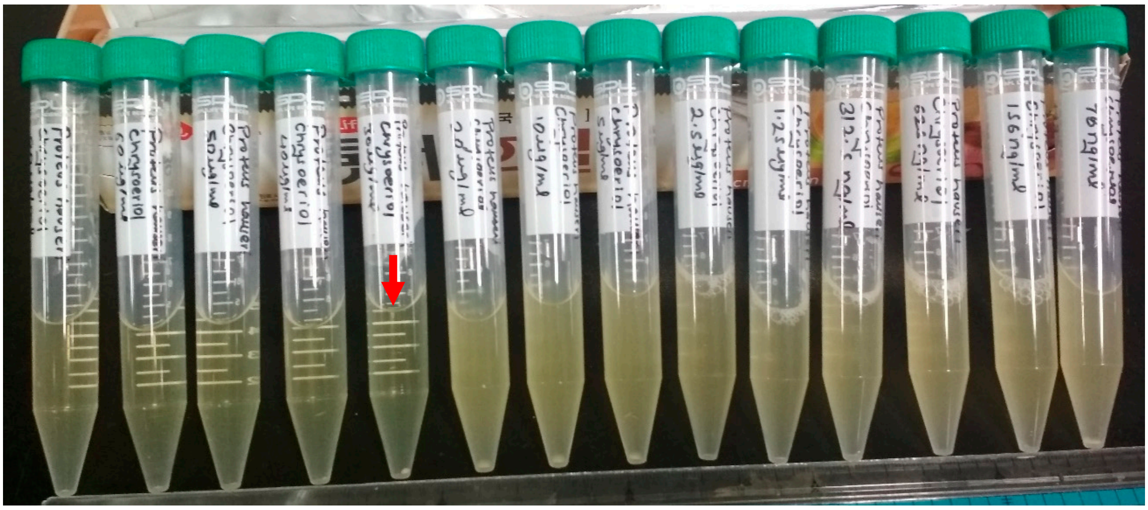
(ii)



80 μg/mL 60 μg/mL 50 μg/mL 40 μg/mL 30 μg/mL 20 μg/mL 10 μg/mL 5 μg/mL 2.5 μg/mL 1.25 μg/mL 625 ng/mL 312.5 ng/mL 156 ng/mL 78 ng/mL

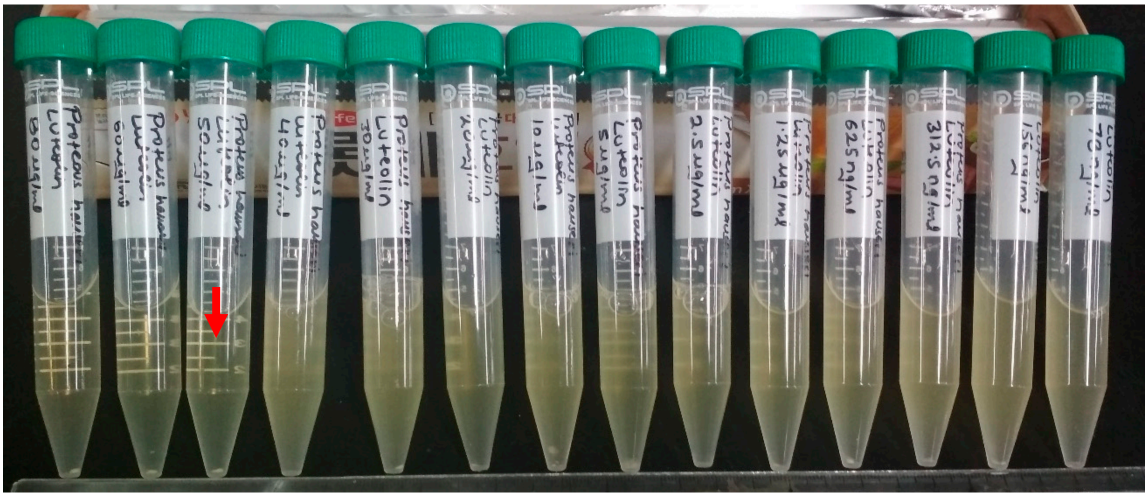
(B)

(i)



80 µg/mL 60 µg/mL 50 µg/mL 40 µg/mL 30 µg/mL 20 µg/mL 10 µg/mL 5 µg/mL 2.5 µg/mL 1.25 µg/mL 625 ng/mL 312.5 ng/mL 156 ng/mL 78 ng/mL

(ii)



80 µg/mL 60 µg/mL 50 µg/mL 40 µg/mL 30 µg/mL 20 µg/mL 10 µg/mL 5 µg/mL 2.5 µg/mL 1.25 µg/mL 625 ng/mL 312.5 ng/mL 156 ng/mL 78 ng/mL

Figure S3. Culture tubes showing inhibition at different concentration. (**A**) *Staphylococcus aureus* 3640 (MRSA) (**i**) chrysoeriol and (**ii**) luteolin; (**B**) *Proteus hauseri* NBRC 3851 (**i**) chrysoeriol and (**ii**) luteolin.