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Antibacterial and anti-biofilm activity of the lipid extract from *Mantidis ootheca* on *Pseudomonas aeruginosa*

**Key words: Antibacterial, Lipid extract, *Mantidis ootheca*,
*Pseudomonas aeruginosa***

Research Summary

This article focuses on the chemical composition, antibacterial activity, and anti-biofilm activity of the lipid extract from *Mantidis ootheca*



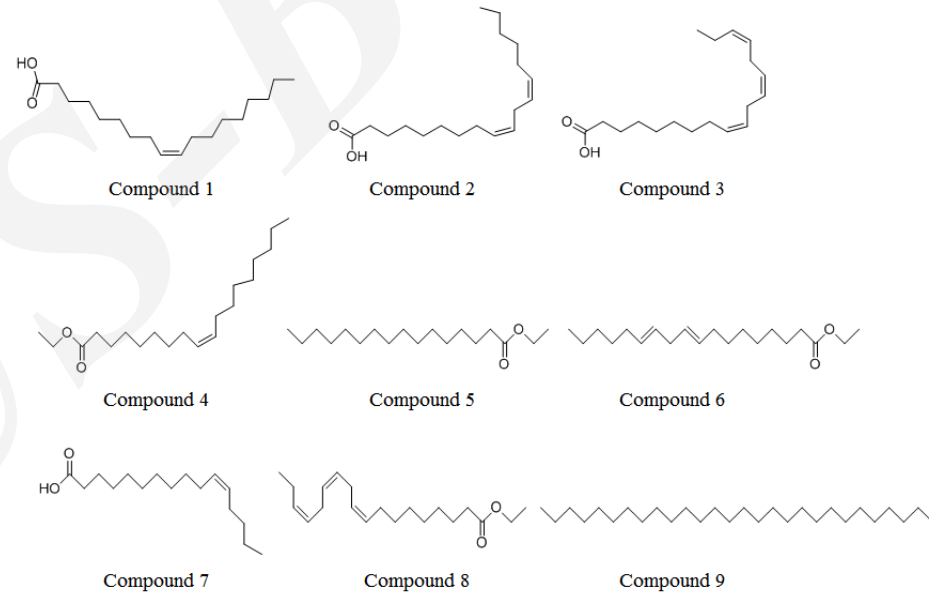
- Study the antibacterial effect of *Mantidis ootheca* on *Pseudomonas aeruginosa*

Innovation points

- **Introduction** of the *Mantidis ootheca* from historical origin to current application status.

- **Summary** of the extraction method of the lipid extract from *Mantidis ootheca*, and specific ingredients and proportions of the lipid extract.

- **Emphasis** of the antibacterial and anti-biofilm activity of the lipid extract from *Mantidis ootheca* on *Pseudomonas aeruginosa*.



Innovation points

A generated table to present analytical results of chemical constituents of the lipid extract from *Mantidis*.

Table 1 | Analytical results of chemical constituents of the lipid extract from *Mantidis ootheca* by GC/MS.