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Microcalorimetry studies of the antimicrobial actions of *Aconitum* alkaloids

Keywords: *Aconitum* alkaloids, *E. coli*, *S. aureus*, Microcalorimetry

Escherichia coli (E.coli) and Staphylococcus aureus (S. aureus) grew in microcalorimeter



Power-time curve of *E.coli* and *S. aureus*

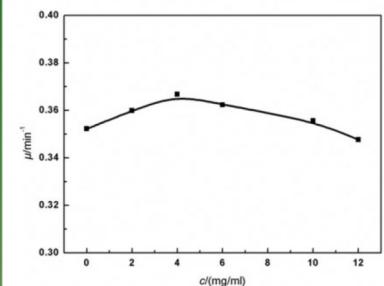


Fig. 5 Relationship between rate constant μ and concentration c for *E.coli*

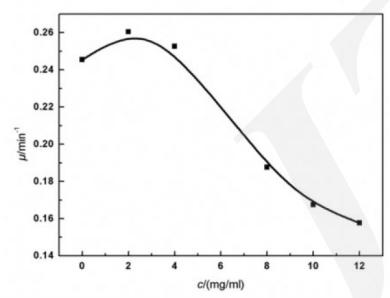


Fig. 6 Relationship between rate constant μ and concentration c for *S. aureus*



Rate constant μ

In this paper, we investigated the antimicrobial activity of alkaloids extracted from RAL Preparata on *Escherichia coli (E.coli)* and *Staphylococcus aureus (S. aureus)* growth using microcalorimetry.