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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*

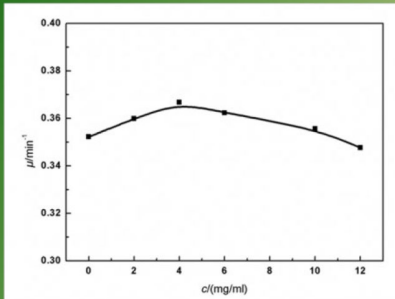


Fig. 5 Relationship between rate constant μ and concentration c for *E.coli*

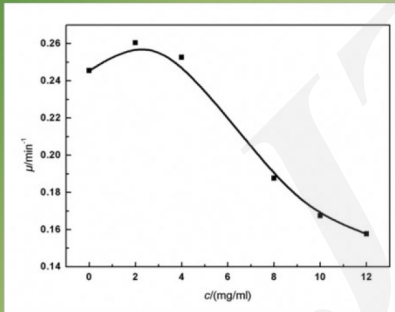


Fig. 6 Relationship between rate constant μ and concentration c for *S. aureus*

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.