

Article

Biological activity and stability of aeruginosamides from cyanobacteria

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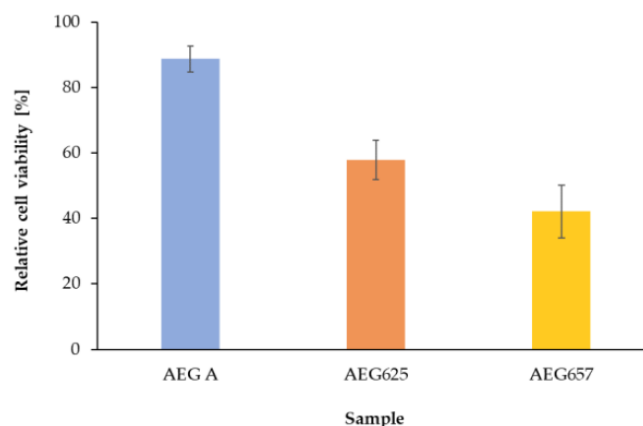


Figure 1. The effects of aeruginosamides AEG A (from *Microcystis* bloom sample), AEG625 and AEG657 (from *Limnoraphis* sp. CCNP1324), used at a concentration of 40 μ M, on the viability of T47D human breast cancer cells assayed by MTT method. Data are expressed as means with a standard deviation.

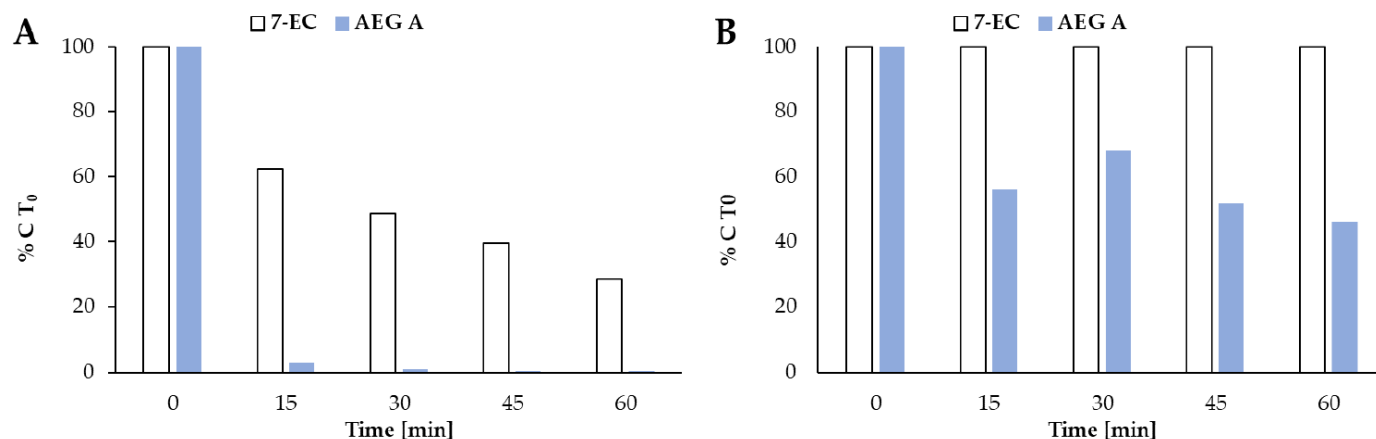


Figure 2. Reduction in the 7-EC and AEG A concentrations after 60-min exposure to (A) active and (B) inactive S9 fraction containing microsomal and cytosolic enzymes. The results are expressed in relation to the initial concentration of the compounds (%C T₀).

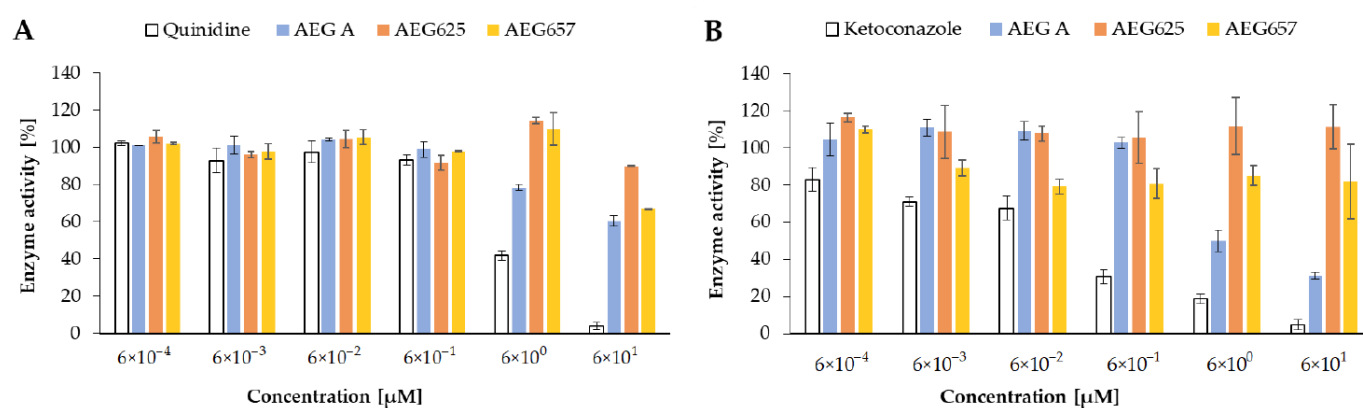


Figure 3. Effects of AEG A, AEG625 and AEG657, applied at different concentrations, on the activity of (A) CYP2D6 and (B) CYP3A4 human P450 enzymes (after 60-min incubation). Data are expressed as means with a standard deviation.