

Aktivitas sitotoksik ekstrak etanol daun *aglaia elliptica* blume terhadap galur sel kanker serviks (HeLa)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=131548&lokasi=lokal>

Abstrak

Cytotoxicity tests on ethanol extract of *aglaia elliptica* blume leaves and its fractions on cervical cancer cell line (HeLa) were carried out. Dried powder of *Aglaia elliptica* leaves was extracted using ethanol and then fractionated by n-hexane, ethyl acetate and butanol extract solvents. The cytotoxicity tests using MTT method (proliferation inhibition tests on HeLa cell lines) were conducted for ethanol extract, n-hexane ethyl acetate and butanol fractions. The results showed that the ethanol extract of *aglaia elliptica* and its fractions have an inhibition effect against the HeLa Cell line with IC₅₀ of 282.44 ppm, 177.64 ppm, 16.03 ppm, 211.77 ppm, 181.33 ppm. 181.33 for ethanol extracts, n-hexane (HeLa extract), ethyl acetate, butanol, and water fractions respectively.