

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 aglalia elliptica blume leaves and its fractions on cervical cencer cell line (HeLa) were carried out. Dried powder of Aglaia elliptica leaves was extracted using ethanol and then fractionated by n-hrxane, ethyl acetate and buthanol extraxt solvents. The cytotoxicity tets using MTT method (prolipheration inhibition tests on HeLa cell lines were conducted for ethanol extract, n-hexana ethyl acetate and buthanol fractions. The results showed that the ethanol extraxt of aglaia elliptica and its fractions have inhibition effect againts 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(Heal extract , ethyl acceate, buthanol,and water fractions respecively.