Materials & Method

Background

Since 1980s emergence of HIV/AIDS has been serious problem in medical world. This virus destroys the CD4 T lymphocytes and leading to immune system disorder. Presently, management of HIV infection by using antiretroviral therapy (ART) with complex regiment and long-term duration of therapy. Long-term use of HAART could affect to morphologic and metabolic abnormality syndrome and also increase the risk of cardiovascular and cerebrovascular disease in patients receiving ART. Therefore, drugs discovery and development from natural source could be alternative solutions not only to treat the HIV infection but also the risk of using ART.

Result

Gendarusa is one of the medicinal plants that have been empirically used to treat numerous disease i.e. bruises, sprains, rheumatism, fractures, ulcers, and irregular menstrual disorders. Through the saintification process and empirical use, gendarusa exhibits many potential pharmacology including anti-inflammatory, anti-cancer, anti-bacterial, and anti-HIV. The anti-HIV activity of Gendarusa is evidenced by various studies with numerous mechanisms. On the other hand, gendarusa also safe to be developed as anti-HIV agent evidences by various studies with numerous mechanism.

Discussion

Gendarusa is one of the medicinal plants that have been empirically used to treat numerous disease i.e. bruises, sprains, rheumatism, fractures, ulcers, and irregular menstrual disorders. Through the research, gendarusa exhibits many potential pharmacology including anti-inflammatory, anti-cancer, and anti-HIV. The anti-HIV activity of Gendarusa is evidenced by various studies with numerous mechanisms. On the other hand, gendarusa also safe to be developed as anti-HIV agent evidences by various studies with numerous mechanism.