Abstract: Colitis Ulcerative is a major public health problem through the worldwide. Recently many studies have focused on finding antinflammatory based on the natural product. The study was aimed to investigate the inhibitory activity of Phaleria macrocarpa leaves extract on goblet cell in colitis ulcerative. Methods: In this study, Swiss mice were induced by 2% dextran sodium sulfate during a week. Phaleria macrocarpa leaves extract each dose of 100, 200, and 300 mg daily and aspirin 0.2 mg, administered orally. Histopathological examination of the colon tissue (hematoxylin-eosin staining) was done by counting the number of goblet cells a in five randomly selected fields visual. The results: Phaleria macrocarpa leaves extract significantly inhibit the depletion of the count of goblet cells (P 0.000) in colitis. Phaleria macrocarpa leaves extract significantly reduce the amount of focus of inflammation (P 0.000) in colitis. Conclusion: Our results indicated that may have inhibitory activity in colitis through inhibiting reduction in the number of goblet cell.

Keywords: Phaleria macrocarpa leaves extract, inflammation, colitis ulcerative, goblet cell depletion, Dextran Sodium Sulfate.
Extra Page:

For Your Research References Requirements,
Always log on to=
www.sphinxsai.com
For Your Research References Requirements,
Always log on to=
www.sphinxsai.com
International Journal of PharmTech Research
International Journal of ChemTech Research
