

CHAPTER V



CONCLUSION AND RECOMMENDATION

In this present investigation, aloe-emodin is isolated from the leaves of *Cassia garrettiana* Craib. It has been known for a long time that plants containing this compound such as *Cassia* spp.^{49,50,55,59} (Caesalpiniaceae), *Aloe* spp.⁷ (Liliaceae) *Rhamnus* spp.⁷⁸ (Rhamnaceae), *Rheum* spp.⁷⁷ and *Rumex* spp.⁷⁵ (Polygonaceae) are used as purgative drugs. This original report on the isolation of aloe-emodin from *Cassia garrettiana* Craib will serve the purpose of obtaining additional purgative drugs from vegetable source. Besides purgative action, aloe-emodin has antileukemic action⁷⁸ in experimental animals (mice). In the light of this property, it might be worthwhile to continue research work concerning tumor inhibitors from plant material as that from seeds of *Rhamnus frangula* Linn.⁷⁸.