Chapter 7  Recommendation and Future Directions

**Recommendation:**

*Onosoma bracteatum* has been found to show significant protection against cough and asthmatic disorders and this may be due to the presence of semi-polar and polar constituents like flavonoid, phenolics, alkaloid and glycosides. These findings rationalize use of *O. bracteatum* in several formulations. The recommendations of present findings include formulation and evaluation of standardized plant extract and its biological evaluation to treat respiratory and cough disorder. The isolated constituents may further be tested *in-vivo* to develop further pharmacological interventions to cure asthma.

The synthesized flavones like iminoflavones 5(f) may further be tested clinically to develop medication for asthmatic disorders. Moreover, a suitable formulation for asthmatic patients after consideration of its clinical safety profile and efficacy.

**Future directions:**

Further studies may be designed for isolation of active phytoconstituents and their molecular studies for current target and this may be useful for future drug development process to provide immediate relief and cure for fatal disease like asthma.