

## BAB 5

### KESIMPULAN DAN SARAN

#### 5.1. Kesimpulan

Dari hasil penelusuran pustaka, studi literature dan pembahasan yang telah dilakukan dapat disimpulkan sebagai berikut :

1. Tanaman Songgolangit (*Tridax procumbens* L.) mengandung senyawa kimia antara lain senyawa alkaloid akuamidine dan voacangine pada ekstrak daun; senyawa flavonoid procumbentin, luteolin, quersetin dan isoquersetin pada herba; senyawa fenol yaitu tanin yang termasuk dalam kelompok polifenol pada herba; dan senyawa saponin yaitu steroid saponin dan *pB-Sitosterol-3-O-β-D-xylopyranoside* pada bunga.
2. Tanaman Songgolangit (*Tridax procumbens* L.) memiliki potensi sebagai antimikroba, antioksidan, antiinflamasi, antikanker, hepatoprotetor, immunomodulator, antidiabetes dan antihipertensi.
3. Tanaman Songgolangit (*Tridax procumbens* L.) menunjukkan adanya korelasi, memiliki kandungan kimia yaitu alkaloid, saponin dan fenol memiliki aktivitas antimikroba yang mampu merusak dinding sel bakteri, serta kandungan flavonoid yang merupakan senyawa antioksidan yang memiliki efek hepatoprotektor dan antidiabetes serta flavonoid bekerja menghambat enzim siklooksigenase (COX) dan enzim ACE sehingga dapat digunakan sebagai antiinflamasi dan antihipertensi.

## 5.2 Saran

Terdapat beberapa hal yang belum diteliti lebih dalam terkait judul skripsi ini, sehingga diberikan beberapa saran untuk penelitian selanjutnya di antaranya :

1. Penelitian studi literature selanjutnya mengenai tanaman ini supaya difokuskan pada salah satu kelas terapi.
2. Perlu dilakukan standarisasi tentang tanaman Songgolangit (*Tridax procumbens* L.) karena tanaman ini memiliki kandungan kimia yang berpotensi digunakan untuk pengobatan.

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