

## **BAB 5**

### **KESIMPULAN DAN SARAN**

#### **5.1. Kesimpulan**

Kesimpulan yang diperoleh dari penelitian ini adalah :

1. Ekstrak etanol rimpang kunyit (*Curcuma domestica* Val.) memiliki kemampuan untuk menghambat enzim HMG KoA reduktase.
2. Ekstrak etanol rimpang kunyit memiliki daya hambat yang jauh lebih kecil jika dibanding simvastatin terhadap enzim HMG KoA reduktase
3. Terdapat korelasi linier antara jumlah total fenol dalam ekstrak etanol rimpang kunyit (*Curcuma domestica* Val.) dengan persentase inhibisi ekstrak terhadap enzim HMG KoA reduktase.
4. Terdapat korelasi linier antara jumlah kurkumin dalam ekstrak etanol rimpang kunyit (*Curcuma domestica* Val.) dengan persentase inhibisi ekstrak terhadap enzim HMG KoA reduktase.

#### **5.2 Saran**

Berdasarkan hasil penelitian yang diperoleh, maka disarankan :

1. Perlu dilakukan uji yang lebih spesifik terkait kandungan senyawa dalam ekstrak yang mampu menghambat enzim HMG KoA reduktase.

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