

## BAB 5

### SIMPULAN

#### 5.1. Kesimpulan

- Konsentrasi karbomer dan konsentrasi gliserin serta interaksinya memiliki pengaruh terhadap respon *swelling index*, *adhesion time*, dan pelepasan film *buccoadhesive* atenolol.
- Formula optimum dari film *buccoadhesive* atenolol diperoleh dengan menggunakan konsentrasi karbomer sebesar 1% dan konsentrasi gliserin sebesar 2% yang akan menghasilkan film dengan *adhesion time* selama 3,67 jam, *swelling index* sebesar 1,72, dan flux pelepasan sebesar 78,50  $\mu\text{g}/\text{cm}^2/\text{jam}$ .

#### 5.2. Alur Penelitian Selanjutnya

- Digunakan pelarut dapar dalam formulasi film *buccoadhesive* atenolol untuk mendapatkan pH permukaan 5,5-7,5.
- Dilakukan penelitian terhadap penetrasi film *buccoadhesive* atenolol.

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