

BAB V

SIMPULAN

5.1. Simpulan

Dari data penelitian yang telah diinterpretasikan, dapat ditarik kesimpulan Eudragit RL-100 sebagai matriks dan gliserol sebagai bahan *plasticizer* maupun interaksinya berpengaruh secara signifikan terhadap pelepasan dan penetrasi propranolol HCl dalam matriks sediaan *patch*. Eudragit RL-100 dan gliserol masing-masing menurunkan fluks pelepasan dan penetrasi. Interaksi antara Eudragit RL-100 dan gliserol menurunkan fluks pelepasan tetapi meningkatkan fluks penetrasi.

Formula optimum eudragit RL-100 dengan kadar 5% dan gliserol dengan kadar 4% menghasilkan fluks pelepasan secara teoritis 17,04 $\mu\text{g/mL}$ jam dan fluks penetrasi secara teoritis 2,48 $\mu\text{g/mL}$ jam.

5.2. Alur Penelitian Selanjutnya

Dilakukan penelitian pembuktian untuk formula optimum terpilih, yang kemudian dibandingkan dengan hasil secara teoritis dan penambahan suatu *enhancer* untuk memperbaiki penetrasi.

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