

BAB V

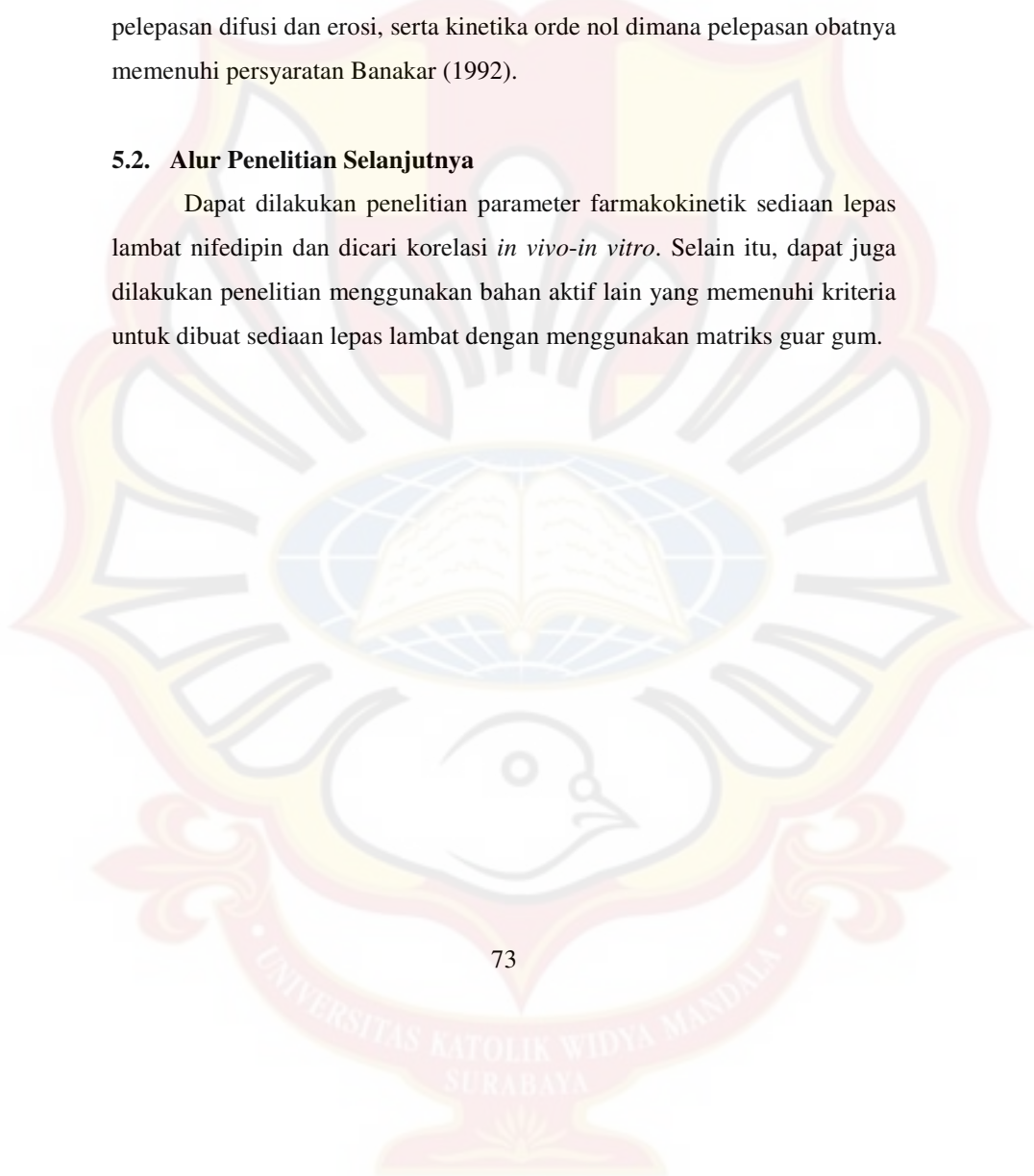
SIMPULAN

5.1. Simpulan

Dari grafik profil disolusi yang menunjukkan hubungan antara % obat terlepas *versus* waktu , penggunaan matriks *guar gum* dapat mempengaruhi pelepasan tablet lepas lambat nifedipin dengan mekanisme pelepasan difusi dan erosi, serta kinetika orde nol dimana pelepasan obatnya memenuhi persyaratan Banakar (1992).

5.2. Alur Penelitian Selanjutnya

Dapat dilakukan penelitian parameter farmakokinetik sediaan lepas lambat nifedipin dan dicari korelasi *in vivo-in vitro*. Selain itu, dapat juga dilakukan penelitian menggunakan bahan aktif lain yang memenuhi kriteria untuk dibuat sediaan lepas lambat dengan menggunakan matriks *guar gum*.



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