

BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan dan Saran

Hasil formulasi ODT dengan bahan ko-proses menunjukkan bahwa bahan ko-proses mempengaruhi sifat fisik dan pelepasan ODT piroksikam.

Berdasarkan hasil uji pelepasan obat, diperoleh hasil konstanta laju disolusi dengan bahan ko-proses ($0,980 \text{ menit}^{-1}$) lebih cepat dibandingkan dengan ODT tanpa teknik ko-proses ($0,824 \text{ menit}^{-1}$), dan ($0,570 \text{ menit}^{-1}$) tablet generik dengan hasil efisiensi disolusi selama 60 menit pada ODT dengan bahan ko-proses (51,815%), (42,977 %) untuk ODT tanpa teknik ko-proses dan (25,180 %) untuk tablet generik. Hal ini menunjukkan bahwa pembuatan ODT dengan bahan ko-proses mempengaruhi pelepasan obat.

Saran

1. Dilakukan uji bioekivalensi antara ODT piroksikam dengan menggunakan bahan ko-proses dibandingkan dengan produk ODT piroksikam lain yang telah ada di pasaran.

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