

BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan

1. Metode enzimatik menggunakan glukometer yang digunakan dalam penelitian ini terbukti dapat digunakan sebagai metode sederhana untuk menguji aktivitas antiglikasi suatu senyawa.
2. Asam amino treonin memiliki potensi sebagai senyawa agen antiglikasi. Dimana hasil pengujian dengan metode enzimatik menggunakan glukometer menunjukkan bahwa treonin mampu menurunkan kadar glukosa hingga $\pm 17\%$ hingga hari ke 28.

5.2. Saran

1. Pada penelitian selanjutnya disarankan untuk melibatkan metode spektrofotometer, terlebih pada metode spektrofluorometri yang dapat mengukur intensitas fluoresensi dari produk akhir glikasi (AGEs), yang dapat memberikan gambaran yang lebih spesifik mengenai aktivitas antiglikasi. Penelitian selanjutnya juga disarankan untuk memperpanjang masa inkubasi dan variasi konsentrasi senyawa uji untuk mengevaluasi aktivitas secara lebih menyeluruh.

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