

## **BAB 5**

### **KESIMPULAN DAN SARAN**

#### **5.1 Kesimpulan**

Dari hasil penelitian yang telah dilakukan maka dapat diambil kesimpulan bahwa :

1. Senyawa N<sup>2</sup>-benziliden-4-hidroksibenzohidrazida dapat disintesis dengan metode iradiasi gelombang mikro dengan daya 200W dan lama pemanasan 2 menit.
2. Senyawa N<sup>2</sup>-(4-hidroksibenziliden)-4-hidroksibenzohidrazida tidak dapat disintesis dengan menggunakan metode iradiasi gelombang mikro dengan daya 200W dan lama pemanasan 2 menit.
3. Pengaruh gugus hidroksi dari 4-hidroksibenzaldehida tidak dapat ditentukan dari membandingkan perhitungan presentase hasil sintesis, karena senyawa yang dikehendaki tidak terbentuk.

#### **5.2 Saran**

Sintesis dari N<sup>2</sup>-(4-hidroksibenziliden)-4-hidroksibenzohidrazida dilakukan dengan daya iradiasi gelombang mikro yang lebih rendah atau dilakukan sintesis tanpa bantuan iradiasi gelombang mikro dan dilakukan uji efektifitas daya antioksidan senyawa N<sup>2</sup>-(4-hidroksibenziliden)-4-hidroksibenzohidrazida melalui pengujian daya antioksidan secara *in-vitro*.

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