

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Dari penelitian yang telah dilakukan, dapat disimpulkan:

1. Sintesis senyawa *N'*-(4-hidroksibenziliden) isonikotinohidrazida dengan metode konvensional optimum dengan refluks selama 1 jam dengan rendemen $73,88 \pm 0,96\%$.
2. Sintesis senyawa *N'*-(4-hidroksibenziliden) isonikotinohidrazida dengan metode sintesis dengan bantuan gelombang mikro optimum dengan daya 480 Watt selama 3 menit dengan persen hasil $88,89 \pm 2,54\%$.
3. Sintesis senyawa *N'*-(4-hidroksibenziliden) isonikotinohidrazida dengan metode iradiasi gelombang mikro lebih efisien daripada metode konvensional.

5.2 Saran

1. Sebaiknya dilakukan penelitian lebih lanjut untuk titik leleh zat *N'*-(4-hidroksibenziliden)isonikotinohidrazida agar memastikan kembali titik leleh senyawa.
2. Sebaiknya dilakukan penelitian lanjutan untuk aktivitas dan efek farmakologi senyawa *N'*-(4-hidroksibenziliden) isonikotinohidrazida sebagai pengobatan Tuberkulosis.

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