

BAB V

SIMPULAN

5.1. Simpulan

Dari penelitian yang telah dilakukan dapat ditarik kesimpulan bahwa:

1. Senyawa N'-benziliden-2-hidroksibenzohidrazida dapat disintesis melalui reaksi antara 2-hidroksibenzohidrazida dengan benzaldehida dan rendemen hasil yang didapat adalah 72%.
2. Senyawa N'-(2-klorobenziliden)-2-hidroksibenzohidrazida dapat disintesis melalui reaksi antara 2-hidroksibenzohidrazida dengan 2-klorobenzaldehida dan rendemen hasil yang didapat adalah 68%.
3. Substituen 2-kloro pada benzaldehida dapat menurunkan rendemen sintesis turunan salisilhidrazida dibandingkan benzaldehida.
4. Senyawa N'-(2,4-diklorobenziliden)-2-hidroksibenzohidrazida dapat disintesis melalui reaksi antara 2-hidroksibenzohidrazida dengan 2,4-diklorobenzaldehida dan rendemen hasil yang didapat adalah 62%.
5. Substituen 2,4-dikloro pada benzaldehida dapat menurunkan rendemen sintesis turunan salisilhidrazida dibandingkan benzaldehida.

5.2. Alur Penelitian Selanjutnya

Adapun saran yang dapat penulis berikan untuk alur penelitian selanjutnya adalah:

1. Sintesis 2-hidroksibenzohidrazida dapat dilakukan menggunakan iradiasi gelombang mikro dengan daya 160 watt selama 4 menit (2

kali pengadukan tiap 2 menit) karena telah dapat memberikan persentase hasil yang cukup tinggi (73%).

2. Dilakukan uji farmakologi dari senyawa-senyawa hasil sintesis sehingga diketahui aktivitas analgesiknya dan dapat bermanfaat dalam bidang kefarmasian, terutama sebagai pengembangan obat analgesik baru.



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