BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan

5.1.1. Kondisi yang optimum pada iradiasi gelombang mikro untuk melakukan sintesis senyawa N-((2-hidroksinaftalen-1-il)4-hidroksi-benzil)etanamida adalah dengan daya P_{10} selama 20 menit.

5.1.2. Reaksi sintesis antara 2-naftol, asetamida, benzaldehida dan dengan katalis asam borat menghasilkan senyawa yang diduga N-((2-hidroksinaftalen-1-il)benzil)etanamida yang dapat berlangsung dengan kondisi optimum dari sintesis senyawa N-((2-hidroksi-naftalen-1-il)4-hidroksibenzil)etanamida.

5.1.3. Gugus hidroksi pada senyawa 4-hidroksibenzaldehida mempersulit pembentukan senyawa N-((2-hidroksinaftalen-1-il)4-hidroksibenzil) etanamida bila dibandingkan dengan sintesis N-((2-hidroksinaftalen-1-il)benzil)etanamida dengan menggunakan benzaldehida yang dapat dilihat dari hasil rendemen reaksi.

5.2. Saran

5.2.1. Perlu dilakukan uji farmakologi untuk mengetahui khasiat senyawa yang telah disintesis.

5.2.2. Perlu dikaji kembali teknik untuk mereaksikan senyawa agar tidak terjadi oksidasi sebelum reaksi berjalan sempurna.

BAB 6

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