

BAB 5

SIMPULAN

5.1. Simpulan

Dari data penelitian yang telah diinterpretasikan, dapat ditarik kesimpulan :

1. Senyawa 1-benzoil-2-tioksodihidropirimidin-4,6-dion dapat dihasilkan dari reaksi antara benzoiltiourea dan asam malonat dalam asetil klorida, dengan persentase hasil sintesis 21 %.
2. Waktu pemanasan optimum untuk membentuk senyawa 1-benzoil-2-tioksodihidropirimidin-4,6-dion adalah 4 jam.

5.2. Alur Penelitian Selanjutnya

Sebaiknya dilakukan penelitian lebih lanjut untuk meningkatkan persentase hasil sintesis senyawa 1-benzoil-2-tioksodihidropirimidin-4,6-dion dengan meningkatkan konsentrasi bahan awal yang digunakan yaitu asam malonat dan mencari pelarut yang lebih sesuai dan tepat untuk rekristalisasi.

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