

有機化学実験 文献調査

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1 1,1-diphenylethylene の合成

1.1 Purpose and Background

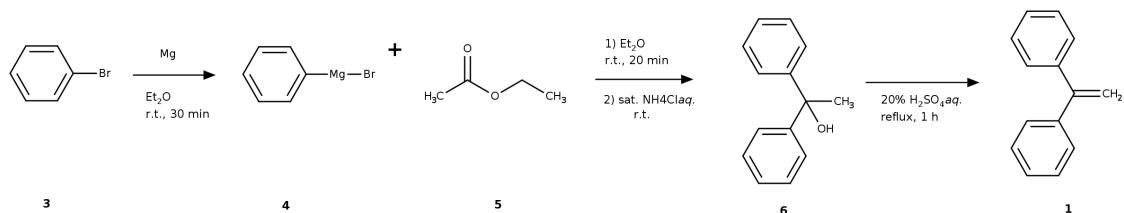


図 1: default

1.2 Experimental

1.3 Result and Discussion

1.4 Conclusion

2 4-AcetylCumene の合成

2.1 Purpose and Background

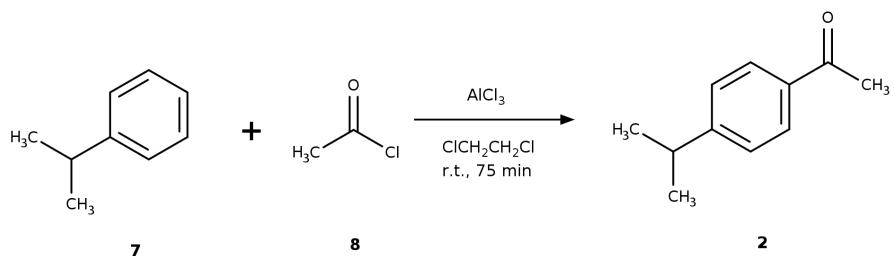


図 2: default

2.2 Experimental

2.3 Result and Discussion

2.4 Conclusion

3 Appendix

表 1: IR: **7** の帰属 (major なもののみ)

No.	Wavenumber [cm-1]	Intensity	attribution
14	2954	strong	nujol
15	2923	strong	nujol
16	2853	mid	nujol
19	1758	strong	C=O stretch
22	1461	mid	nujol
23	1401	weak	芳香族 C–H stretch
24	1377	mid	nujol

Reference

- [1] Hugo E. Gottlieb, Vadim Kotlyar, and Abraham Nudelman, NMR Chemical Shifts of Common Laboratory Solvents as Trace Impurities J. Org. Chem. 1997, 62, 7512-7515

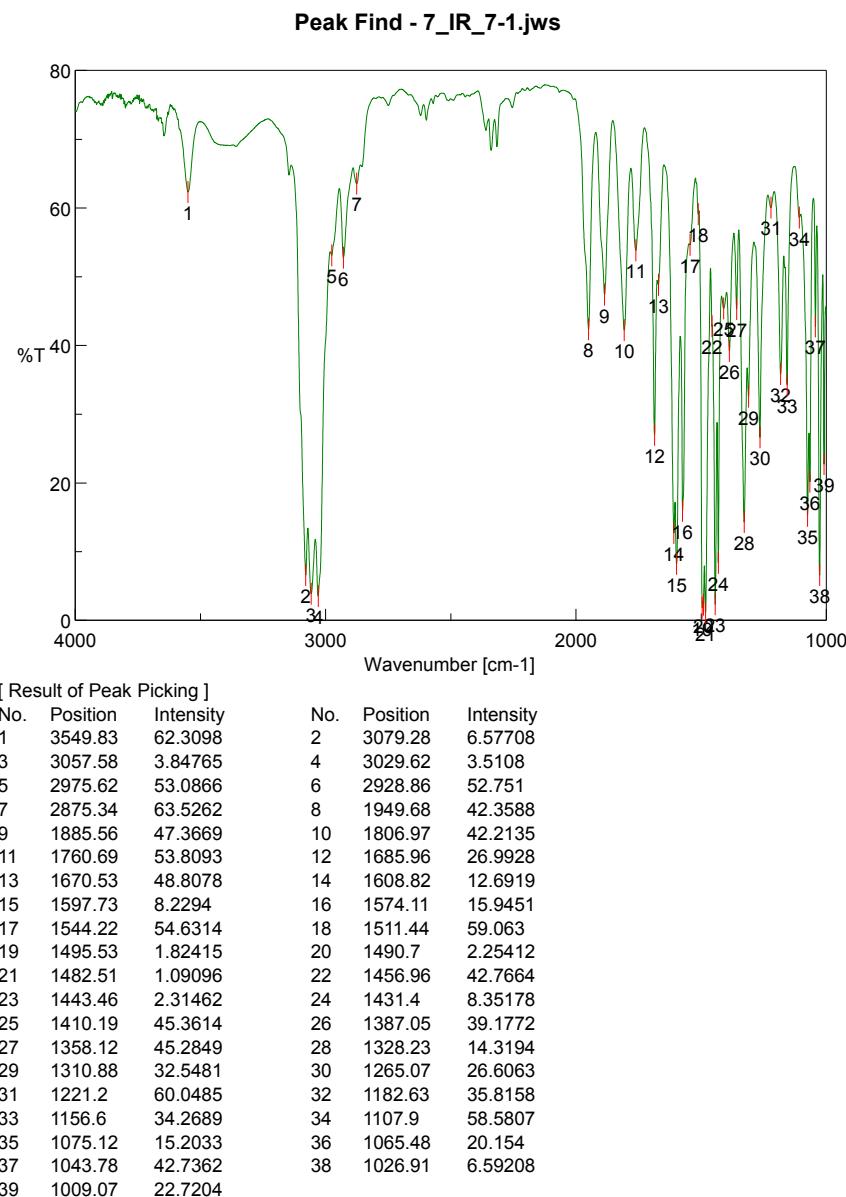


図 3: IR: 化合物 3 (nujol)

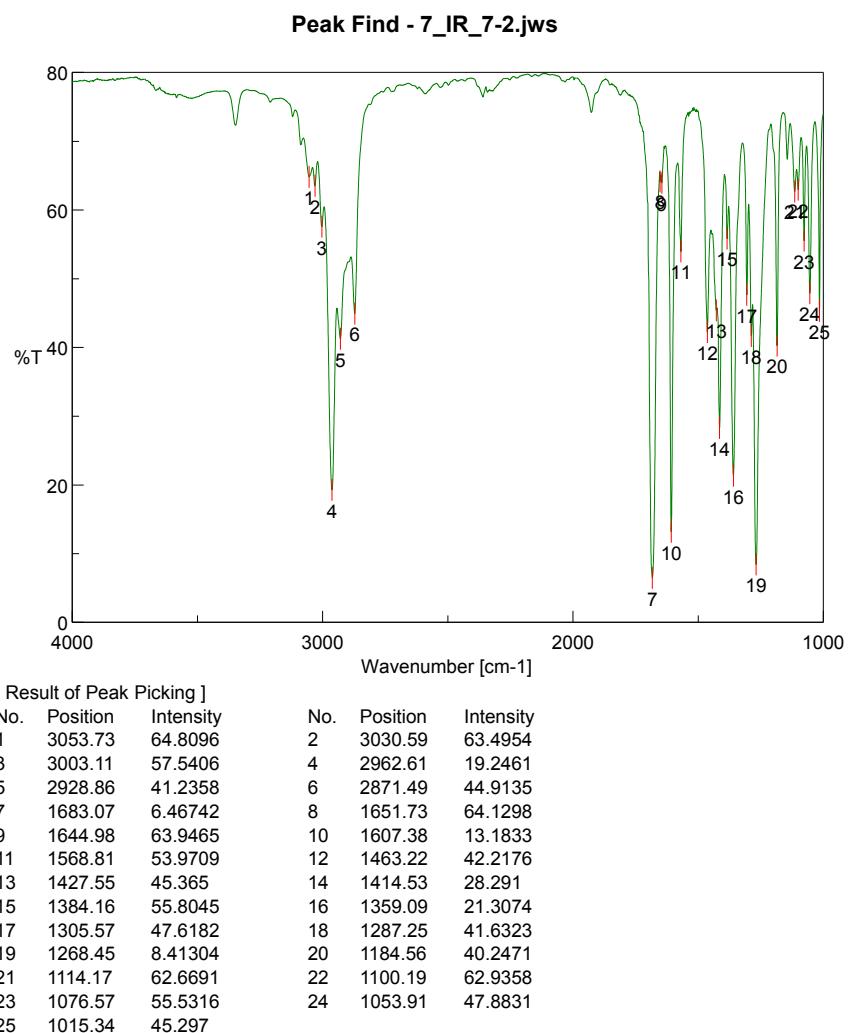


図 4: IR: 化合物 3 (nujol)

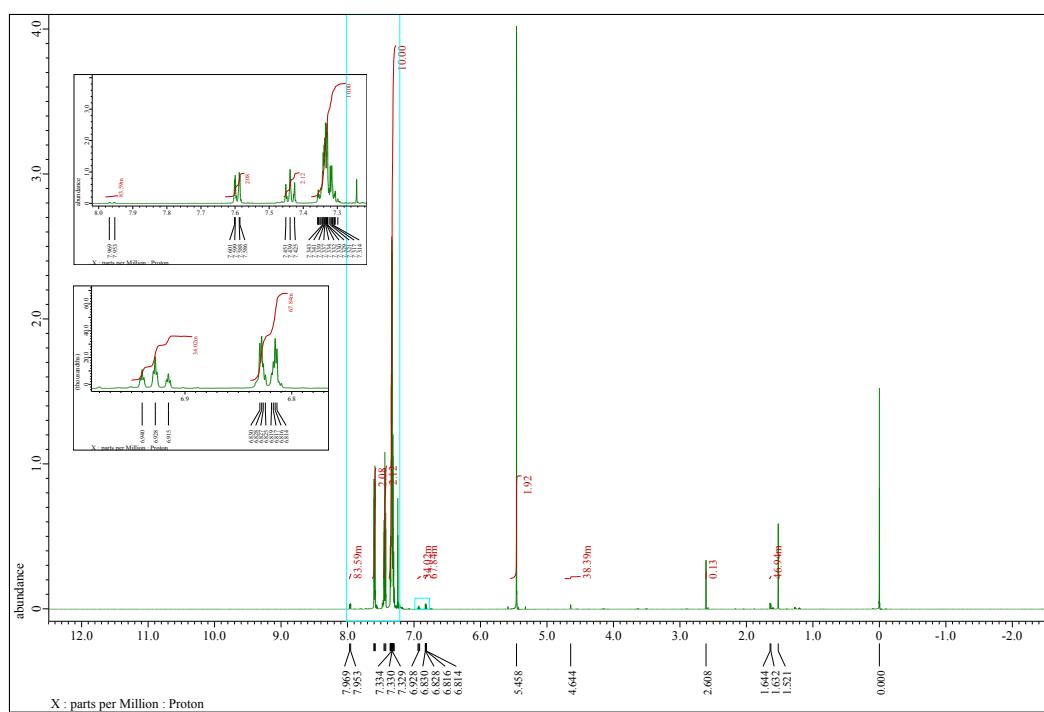


図 5: IR: 化合物 3 (nujol)

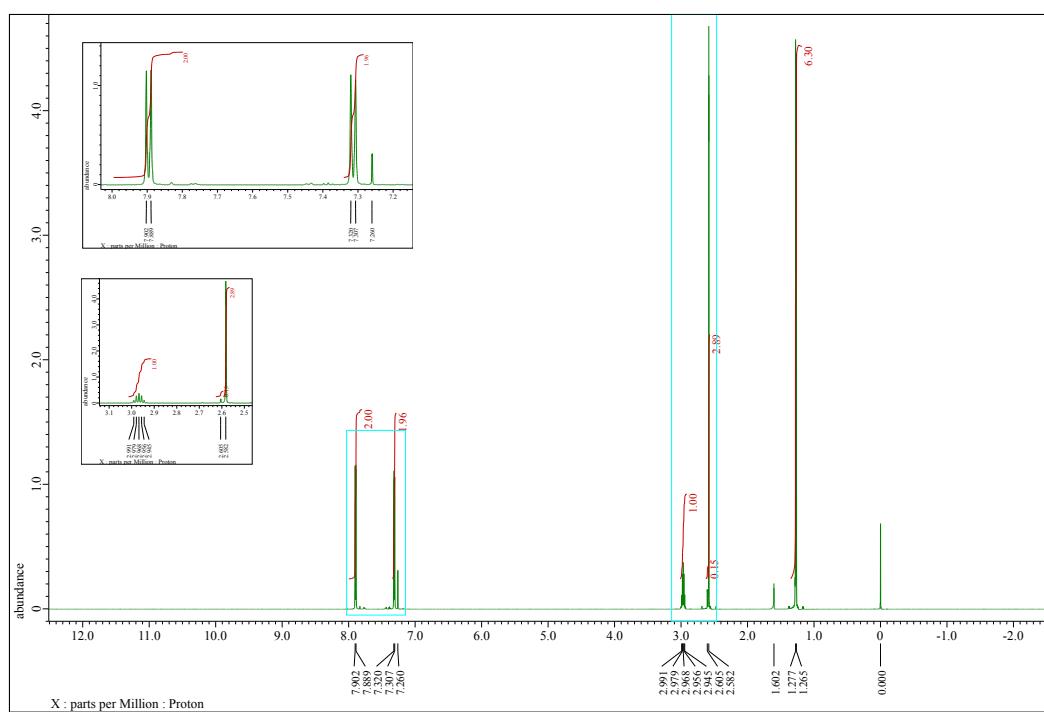


図 6: IR: 化合物 3 (nujol)