

Synthesis and Biological Evaluation of α -Tubulin-binding Pironetin Analogues Lacking Alkyl Pendants in the Side Chain or the Pyrone Ring

Julián Paños,[†] Santiago Díaz-Oltra,[†] María Sánchez-Peris,[†] Jorge García-Pla,[†] Juan Murga,[†] Eva Falomir,[†] Miguel Carda,[†] Mariano Redondo-Horcajo,[§] J. Fernando Díaz,[§] Isabel Barasoain[§] and J. Alberto Marco[‡]

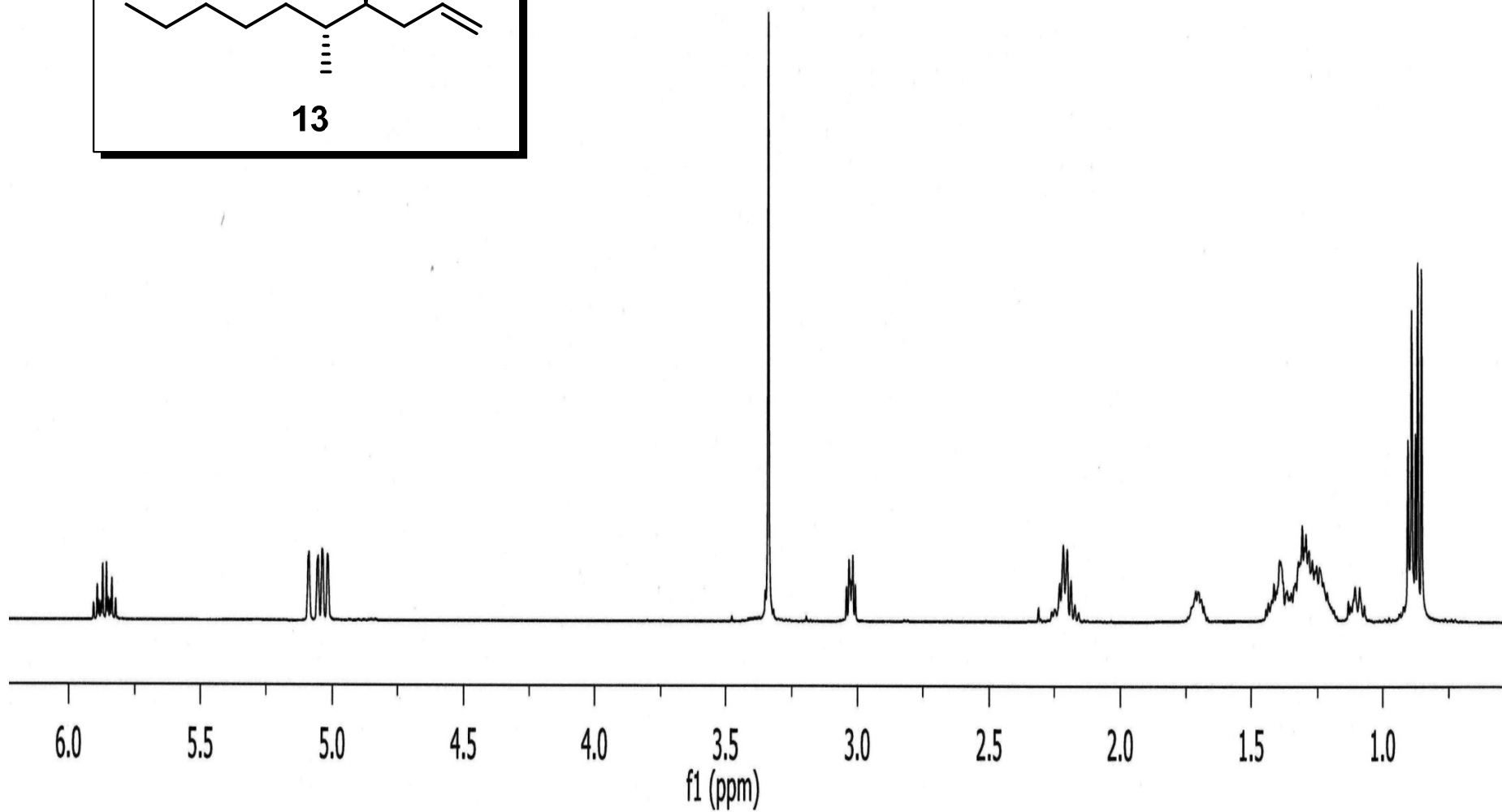
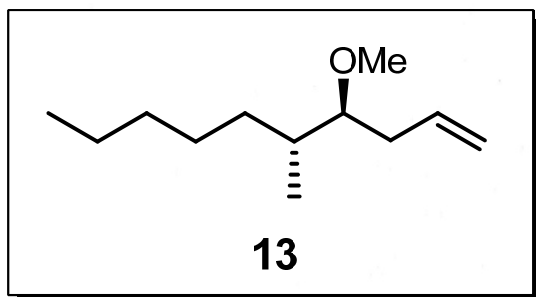
[†]*Depart. de Q. Inorgánica y Orgánica, Univ. Jaume I, 12080 Castellón, Spain;* [§]*CIB, CSIC, 28040 Madrid, Spain; and* [‡]*Depart. de Q. Orgánica, Univ. de Valencia, 46100 Burjassot, Valencia, Spain*

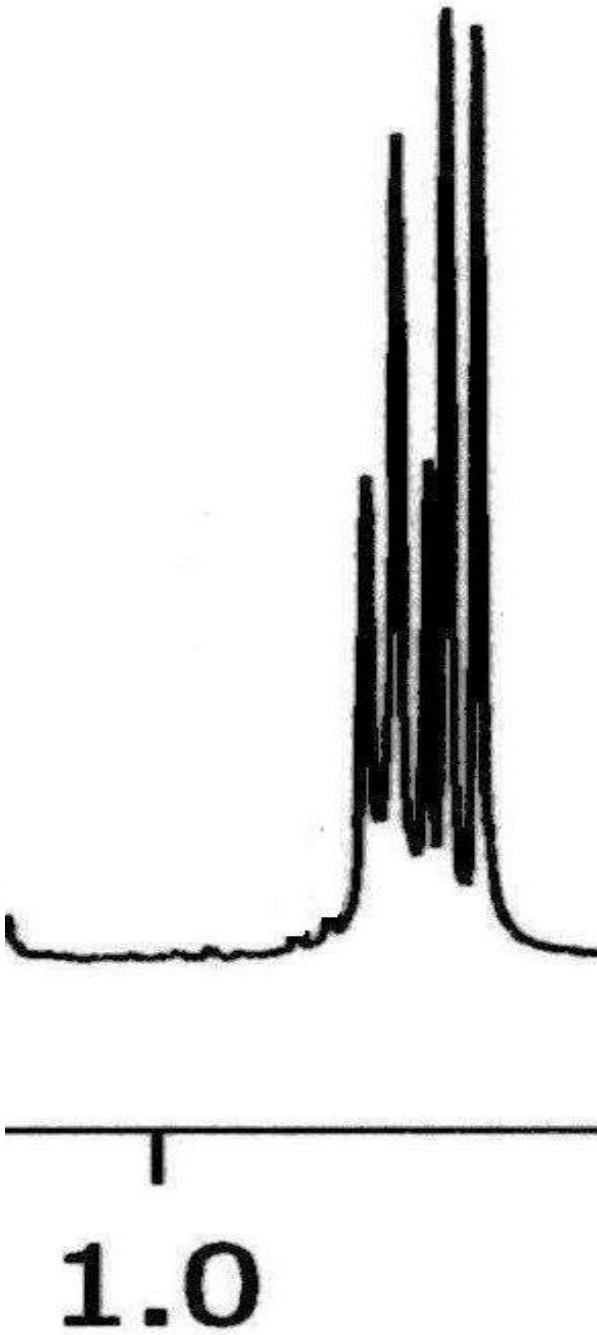
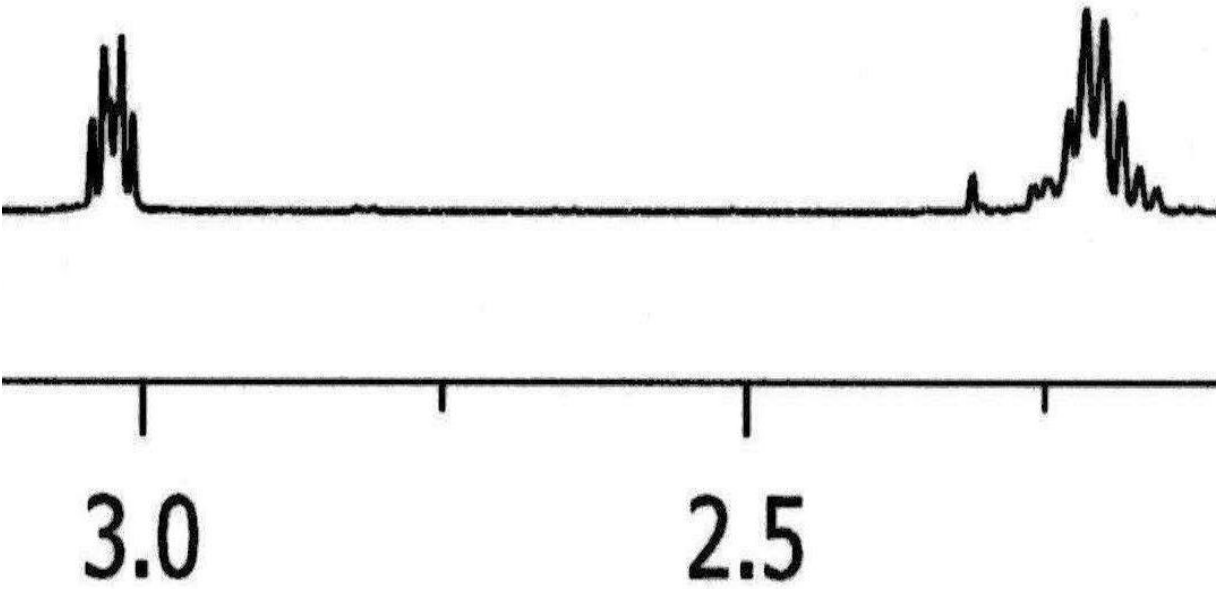
Supporting Information

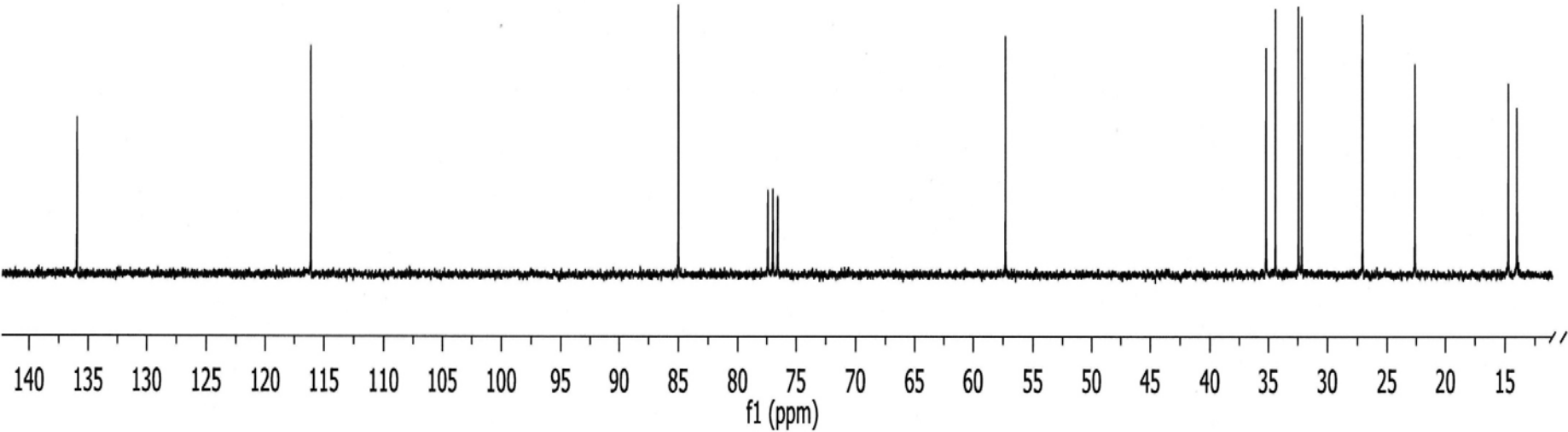
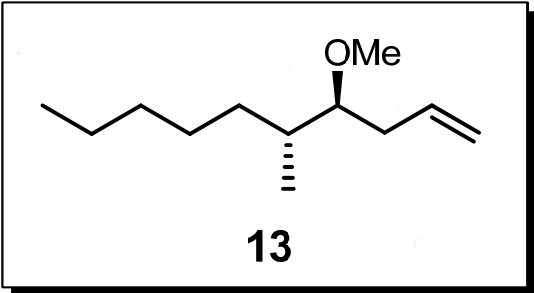
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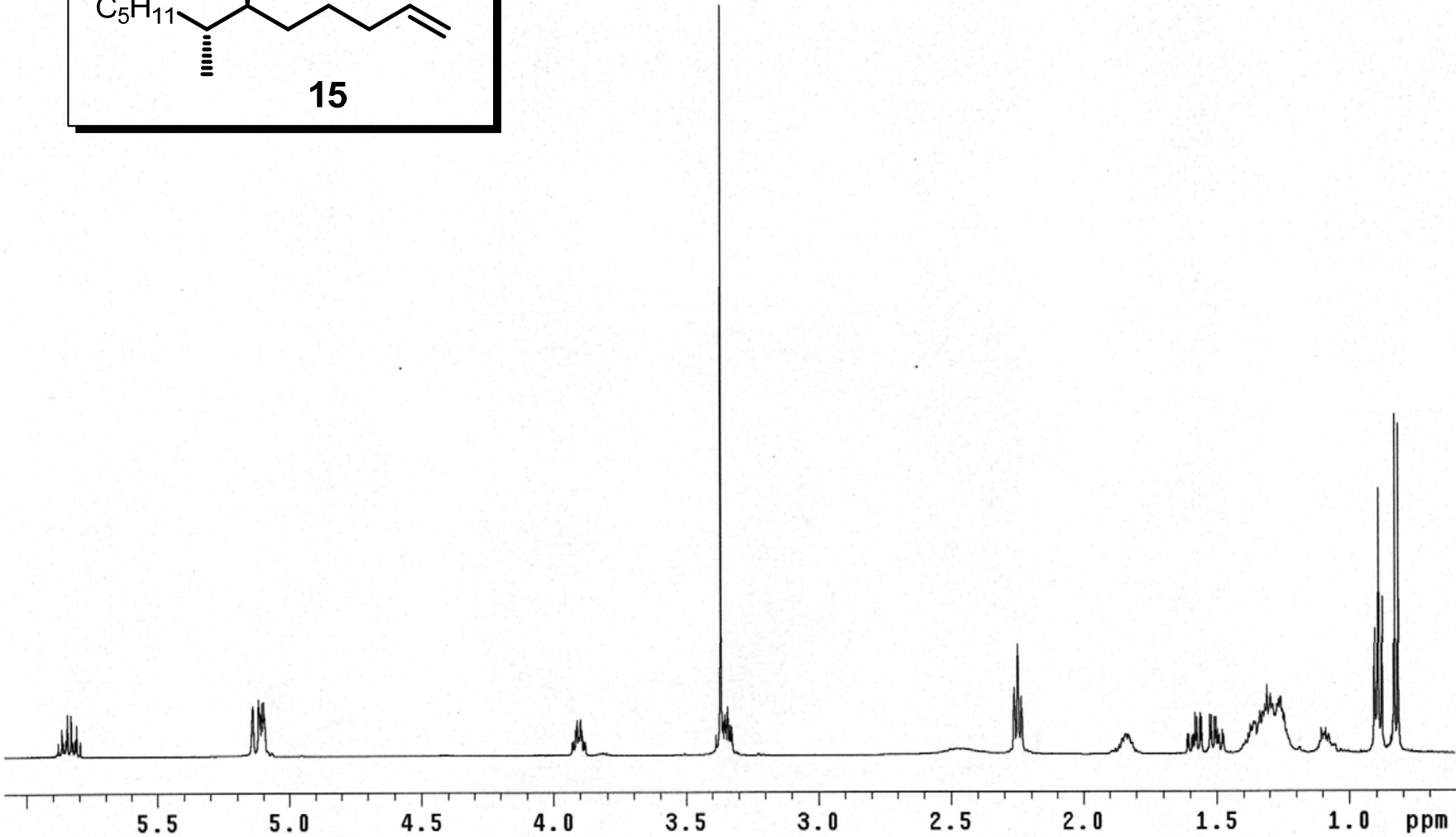
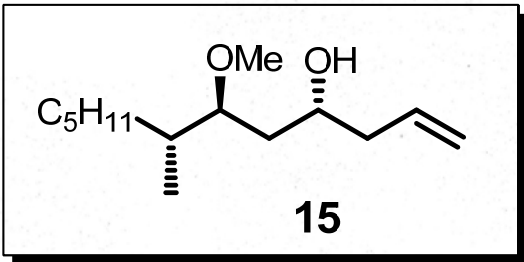
S-2/S-32: NMR Spectra of compounds 13, 15-19 and 22-25. X-Ray analysis of compound 23.

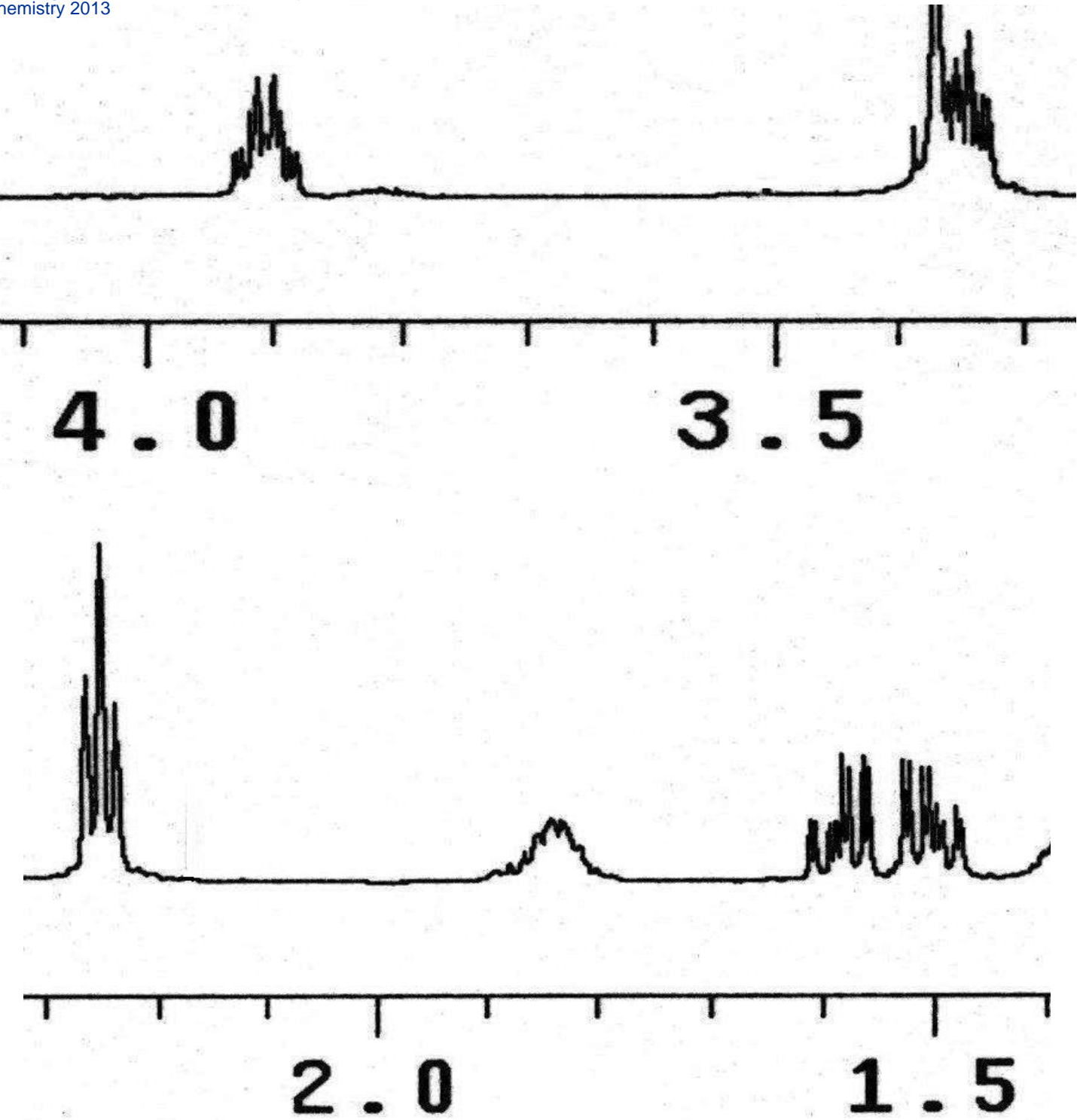
NMR spectra of intermediate and final compounds

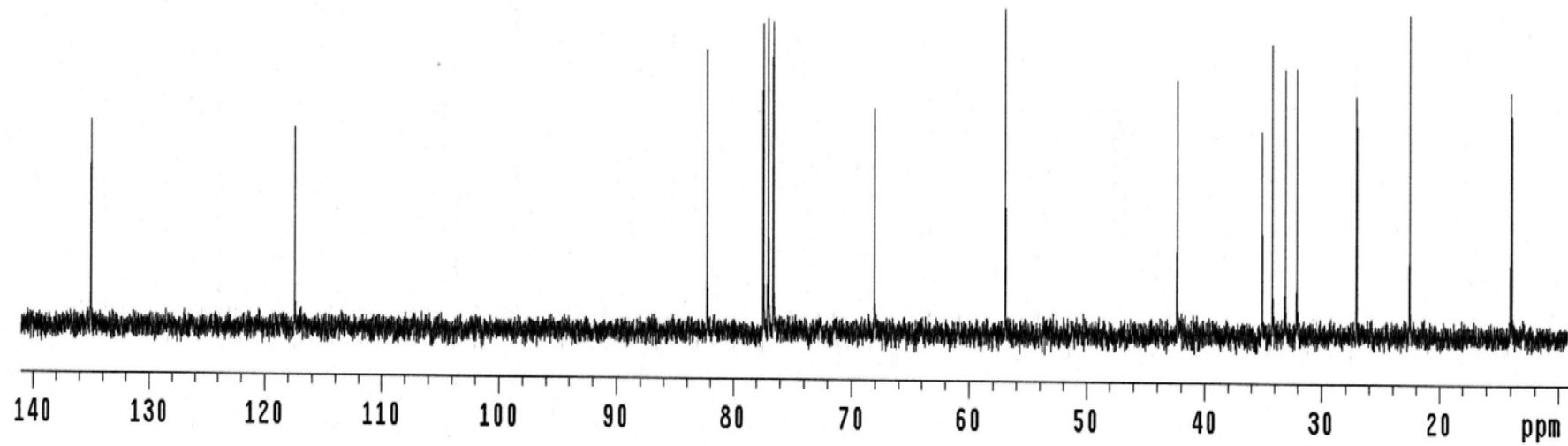
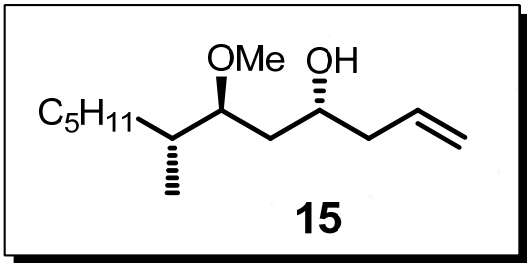


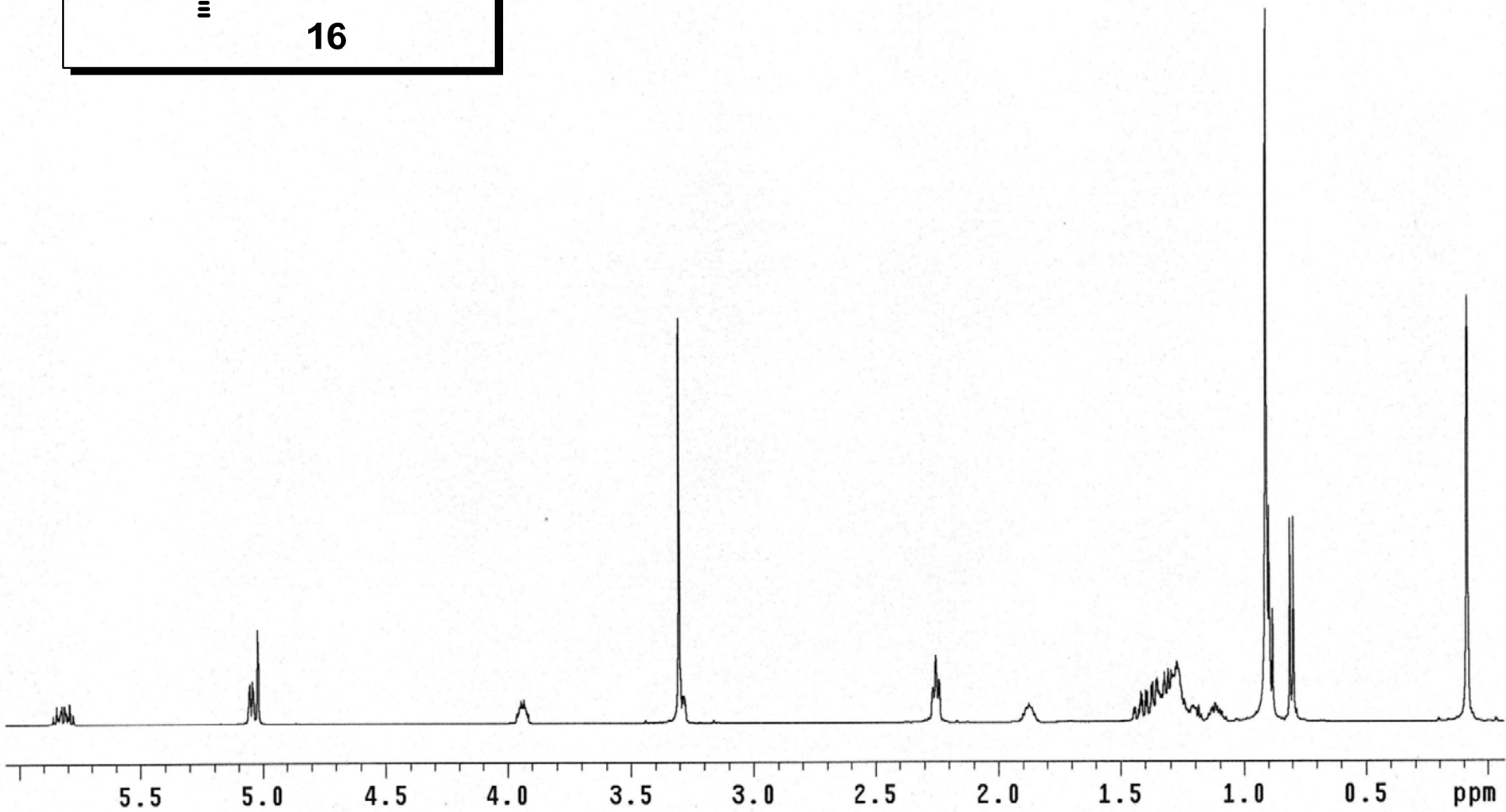
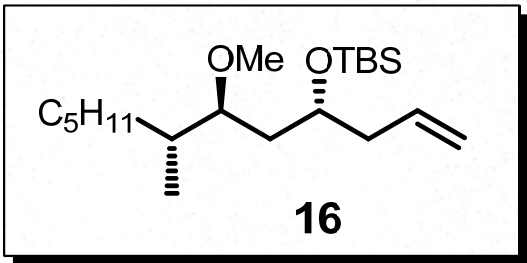


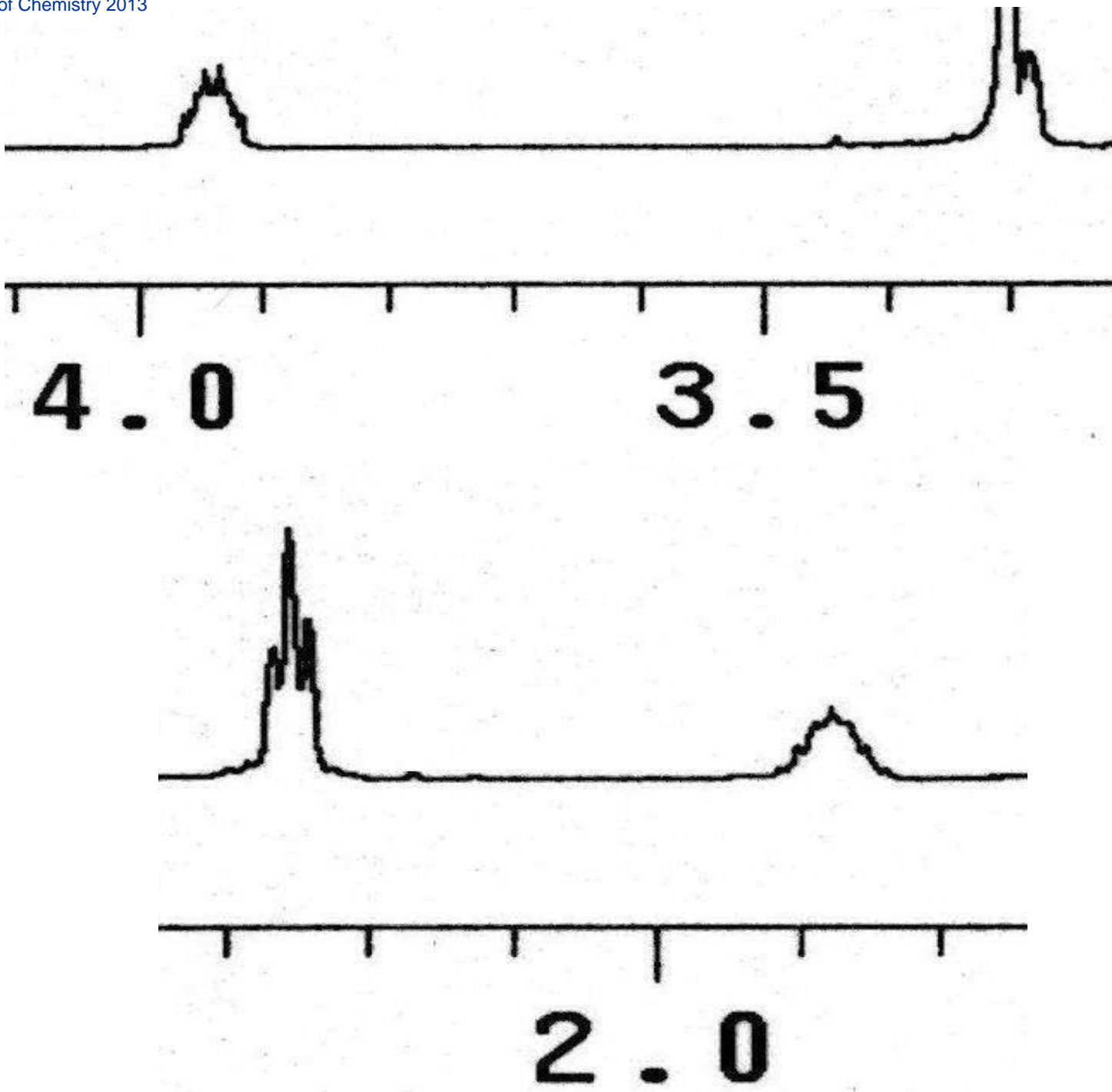


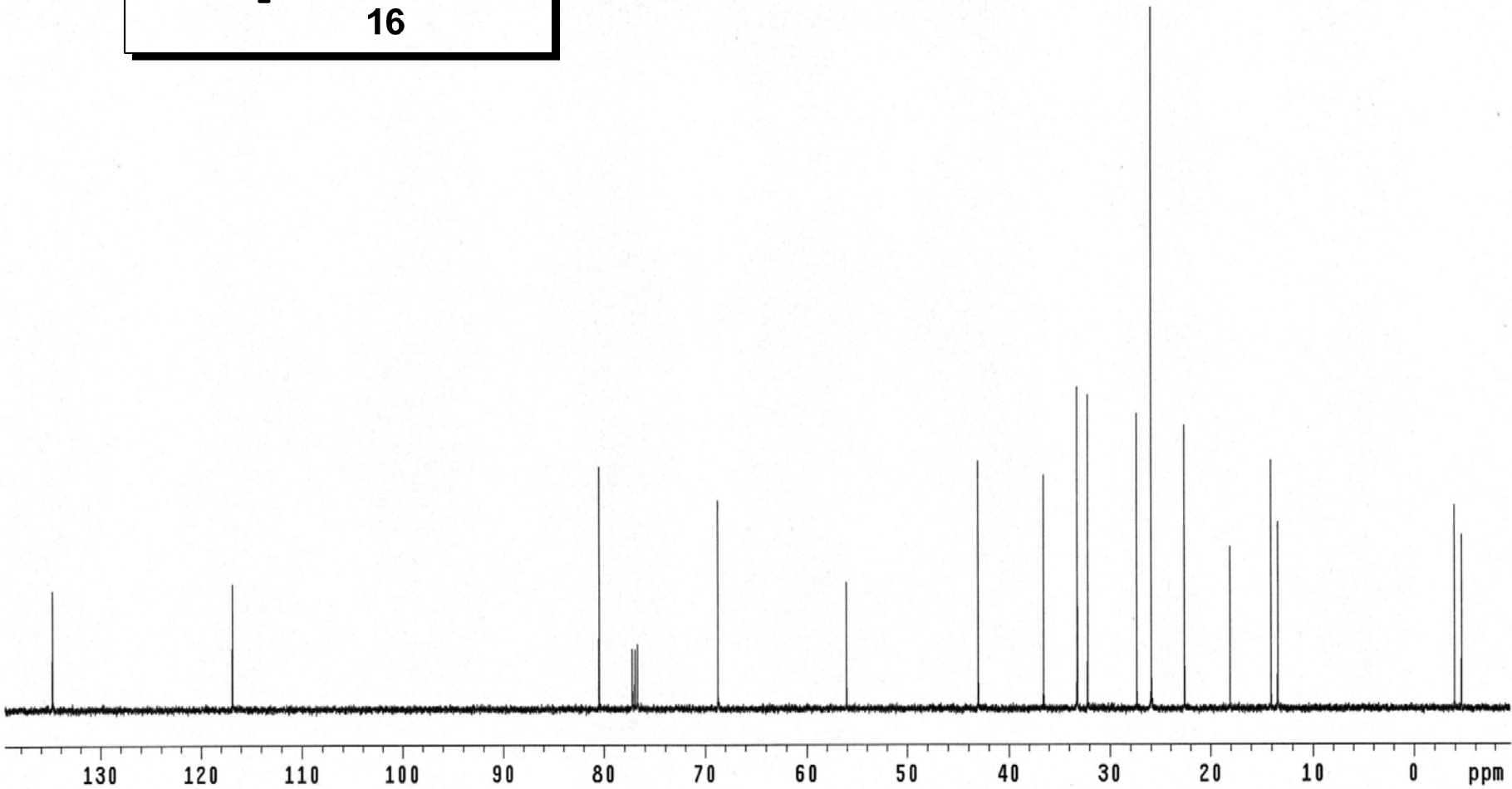
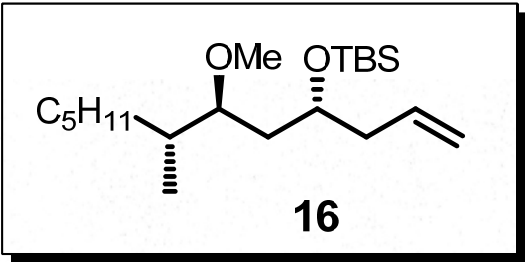


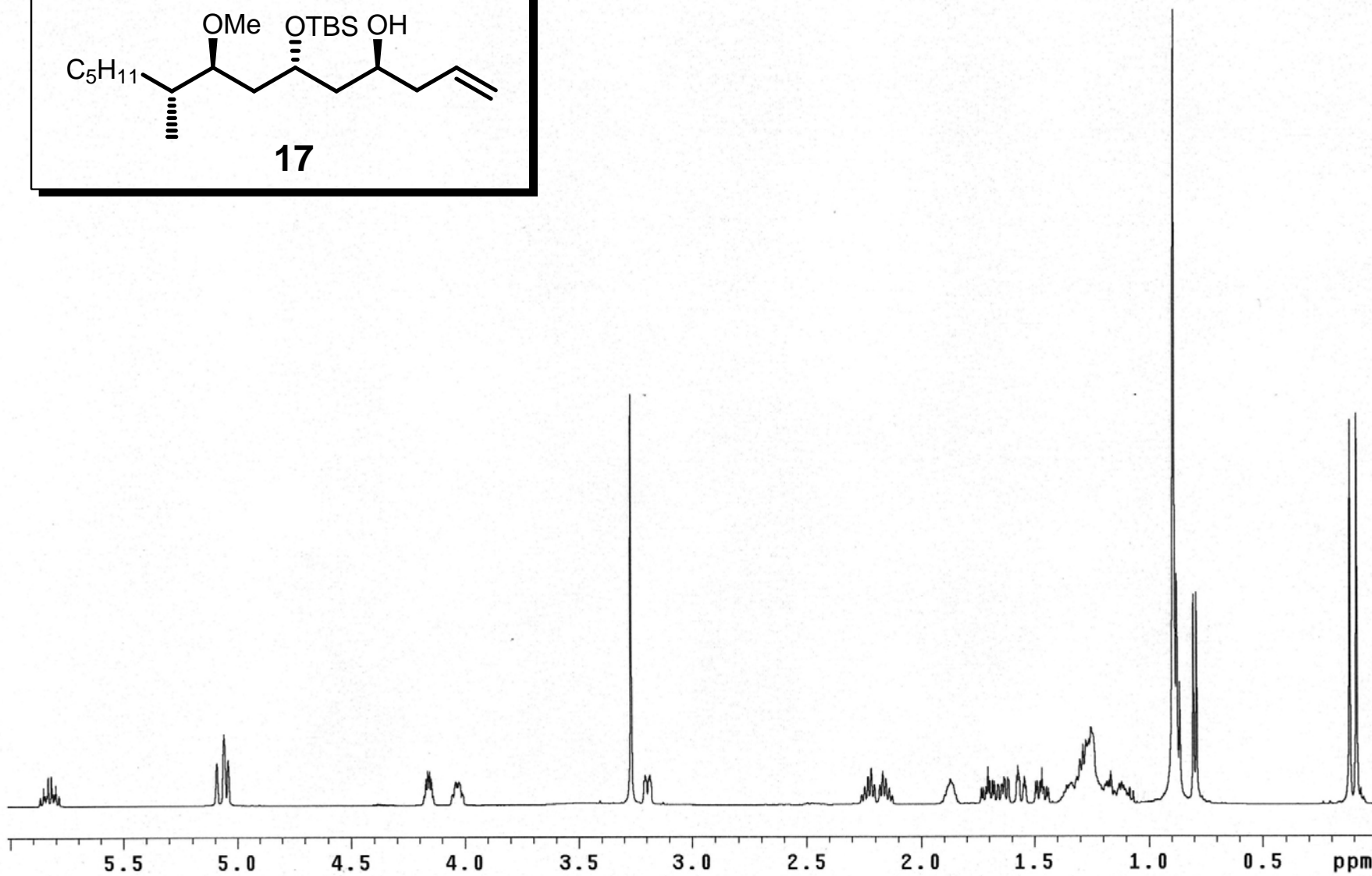
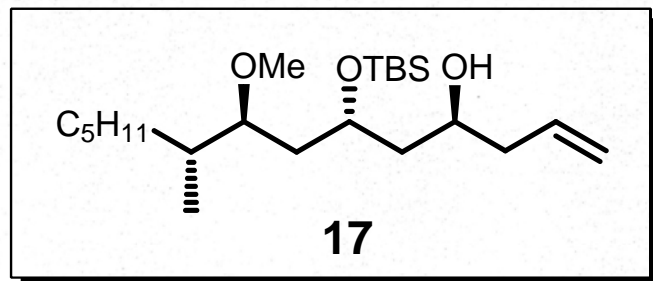


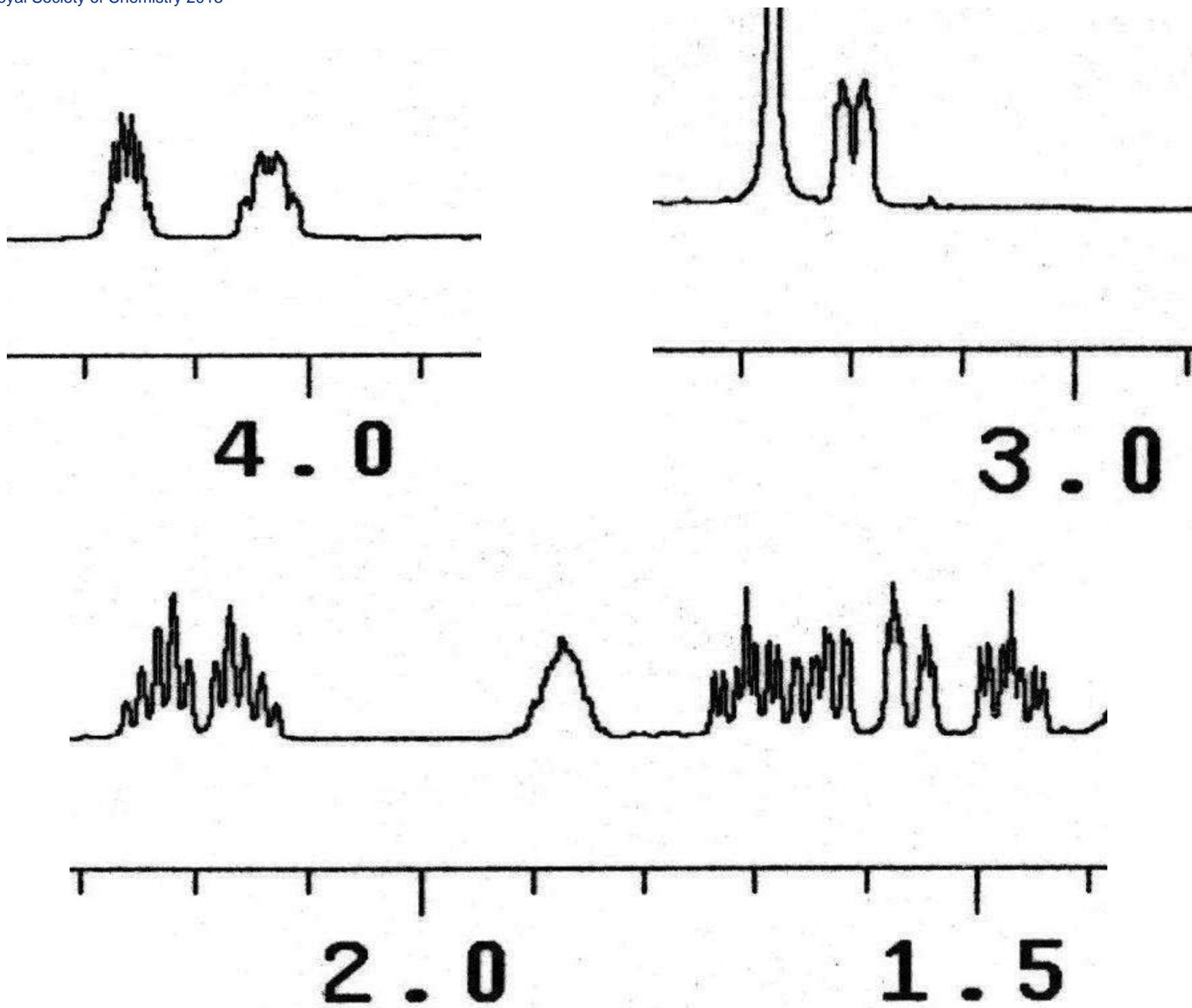


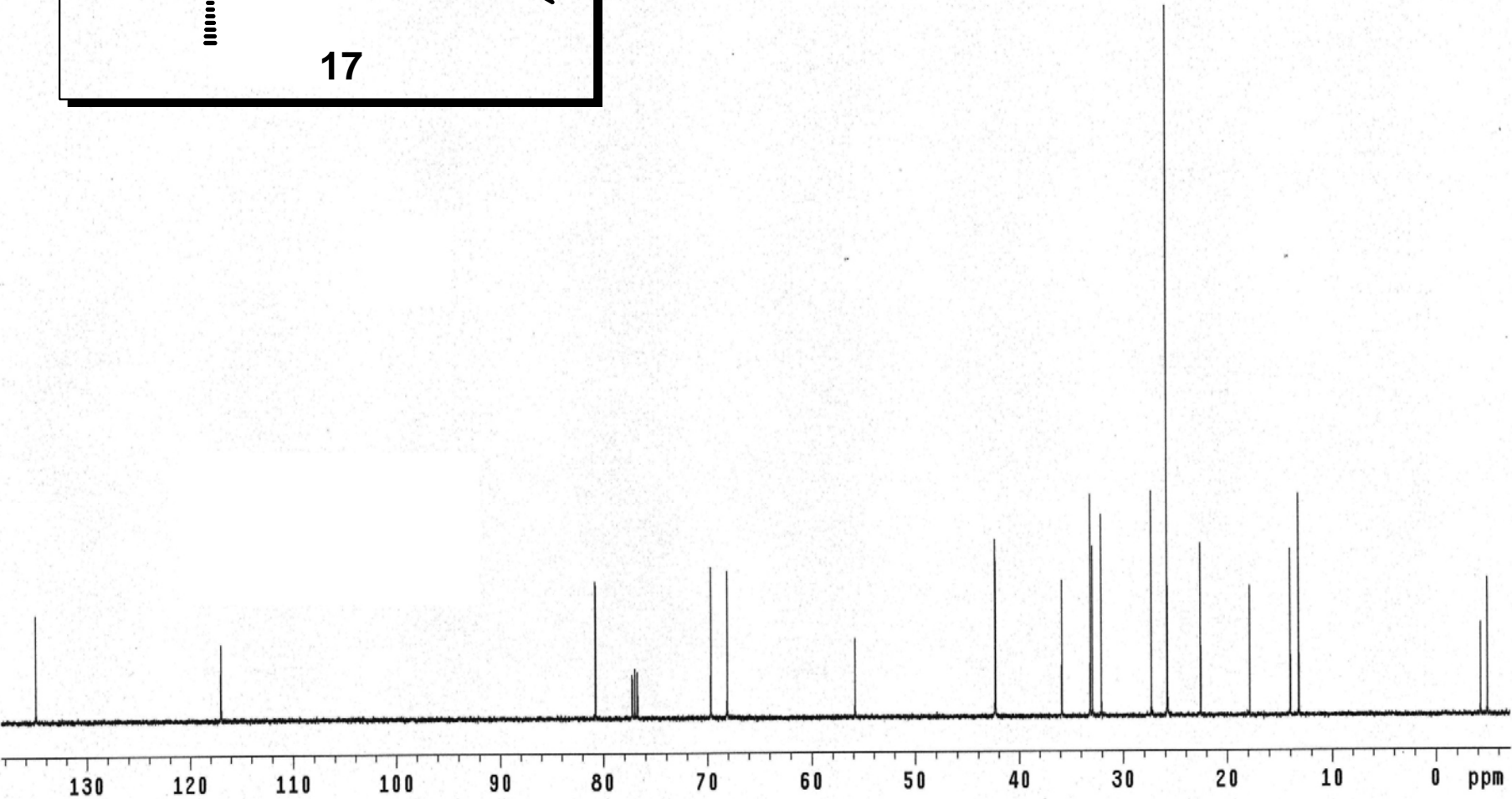
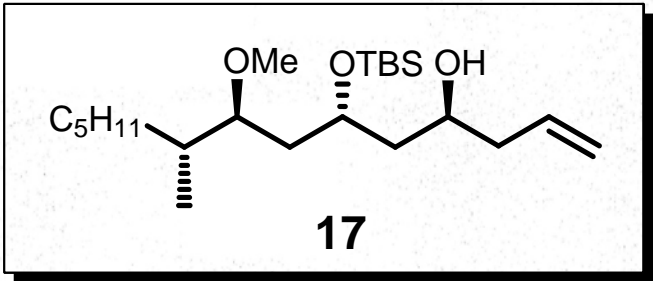


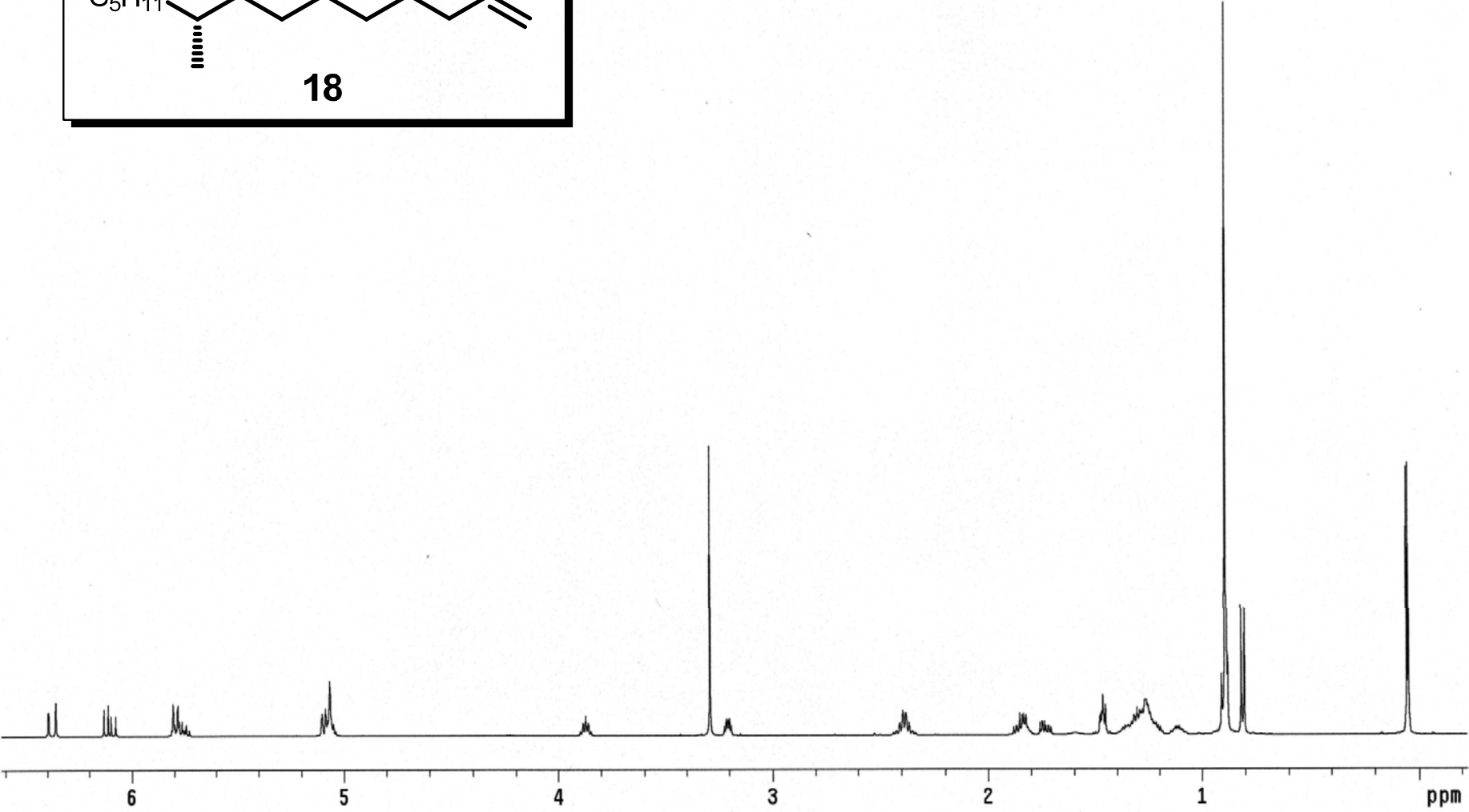
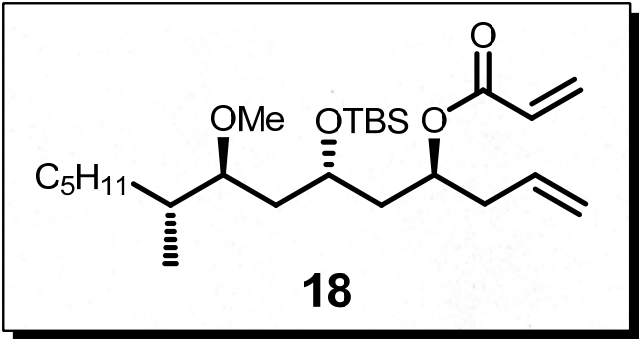


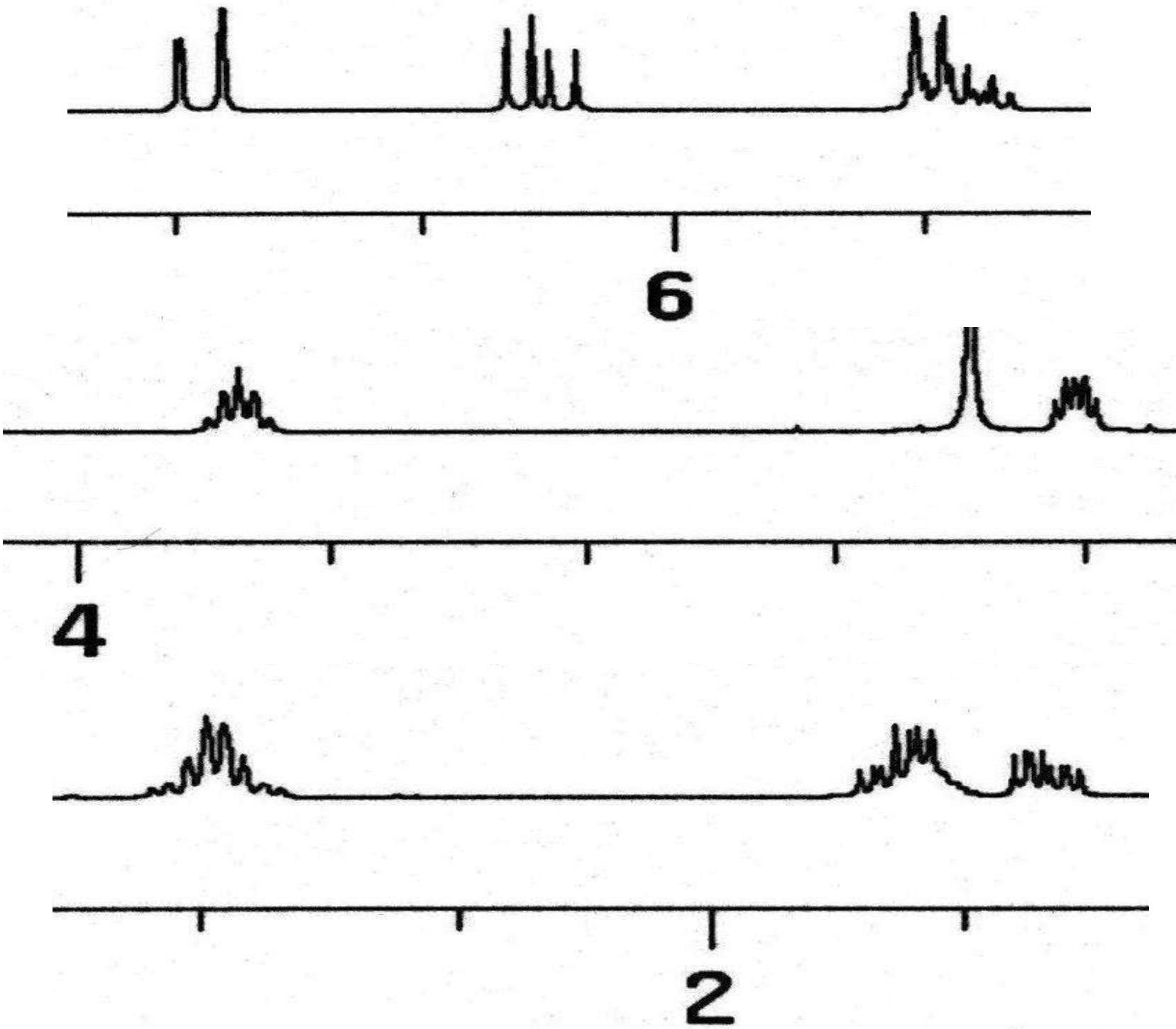


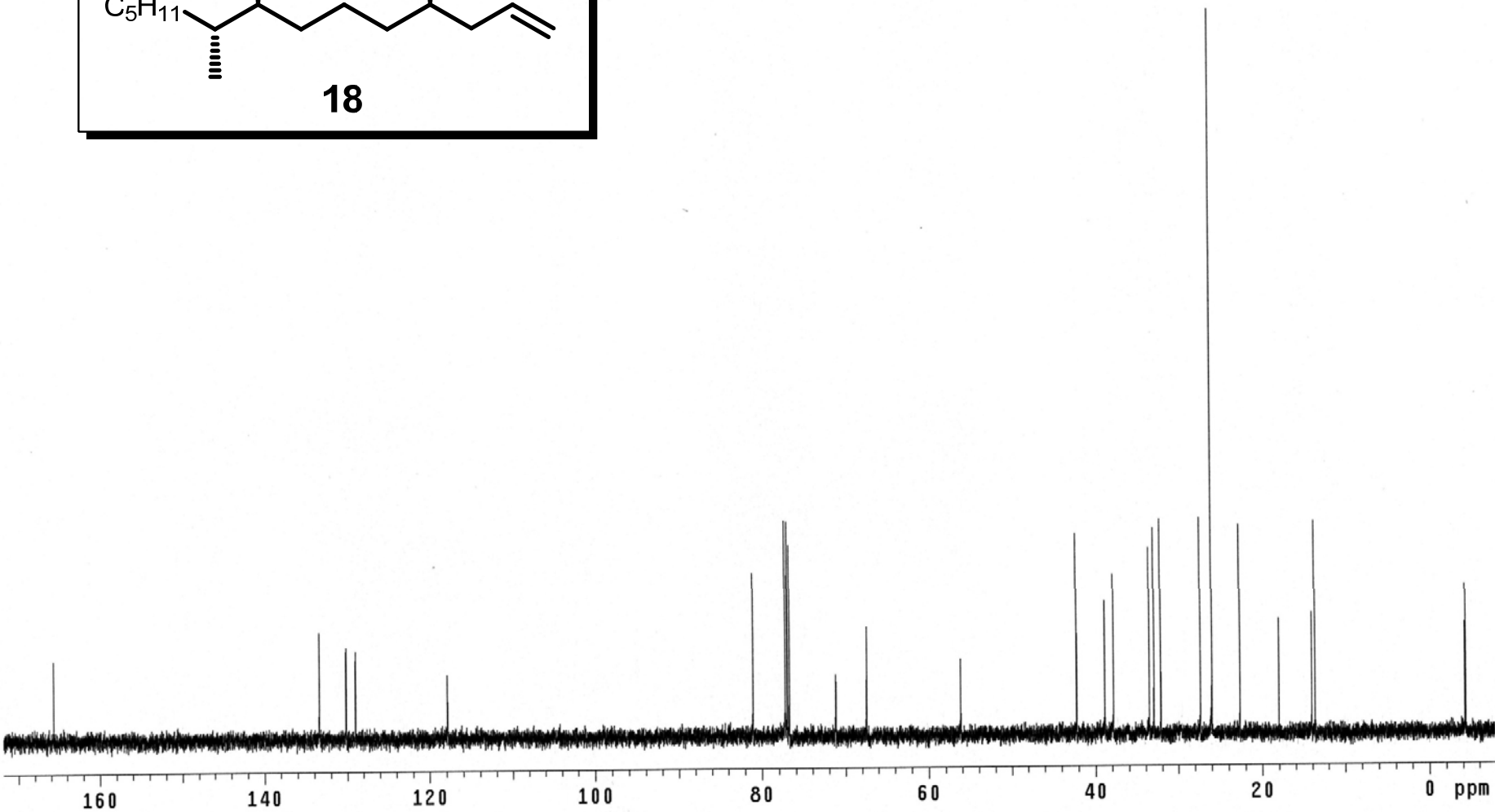
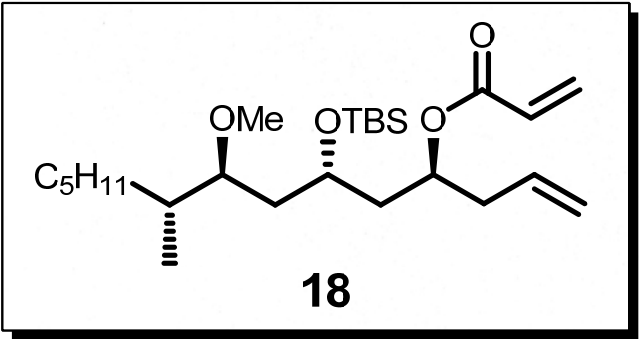


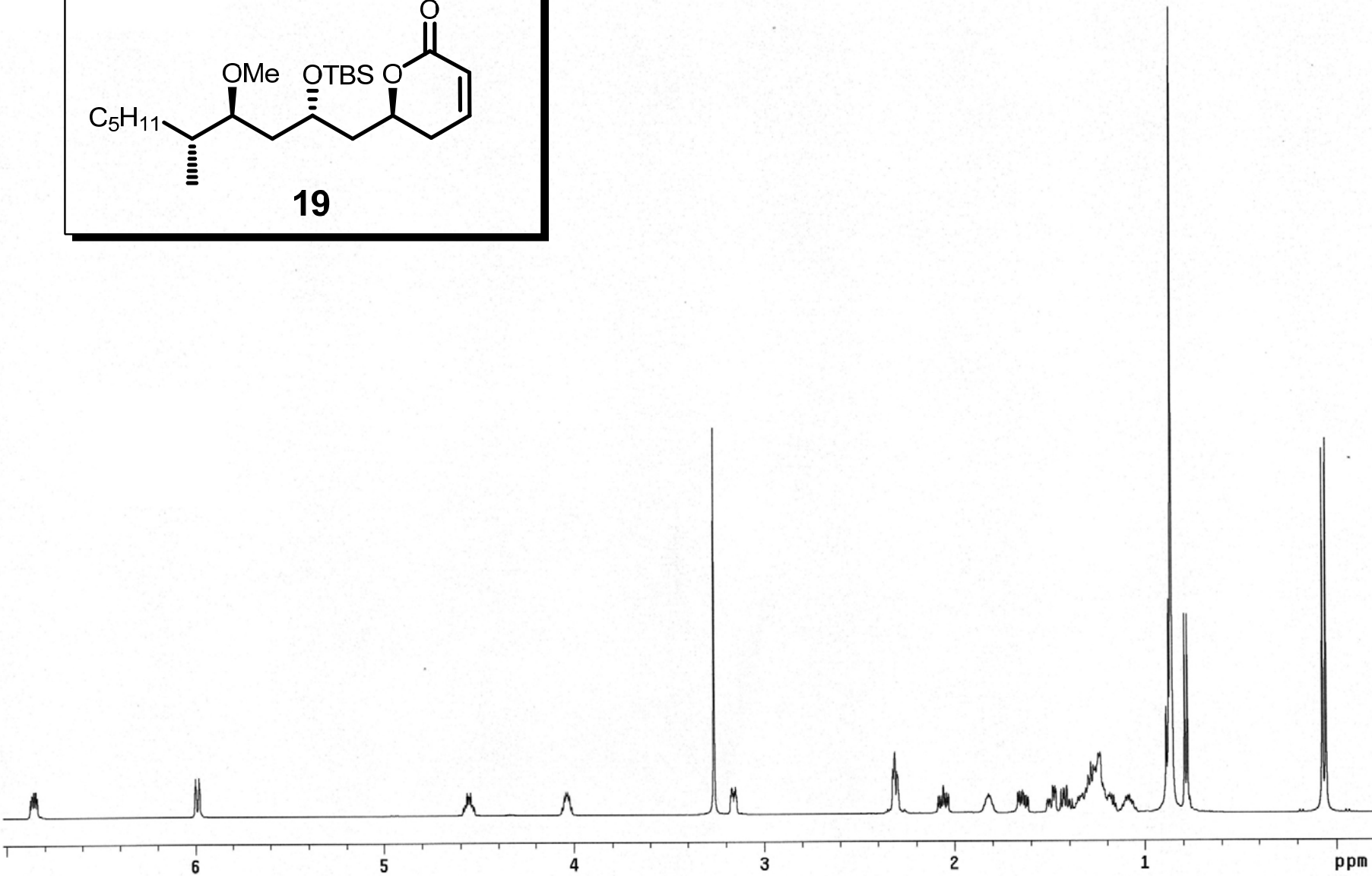
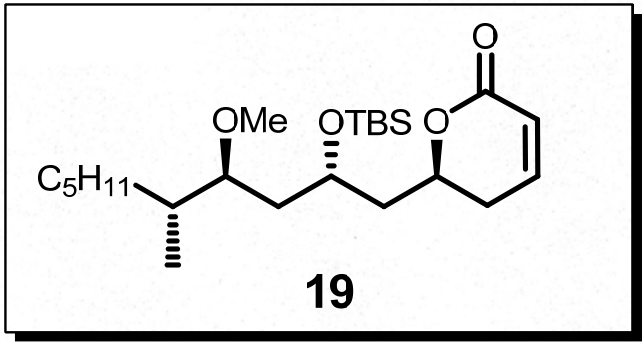


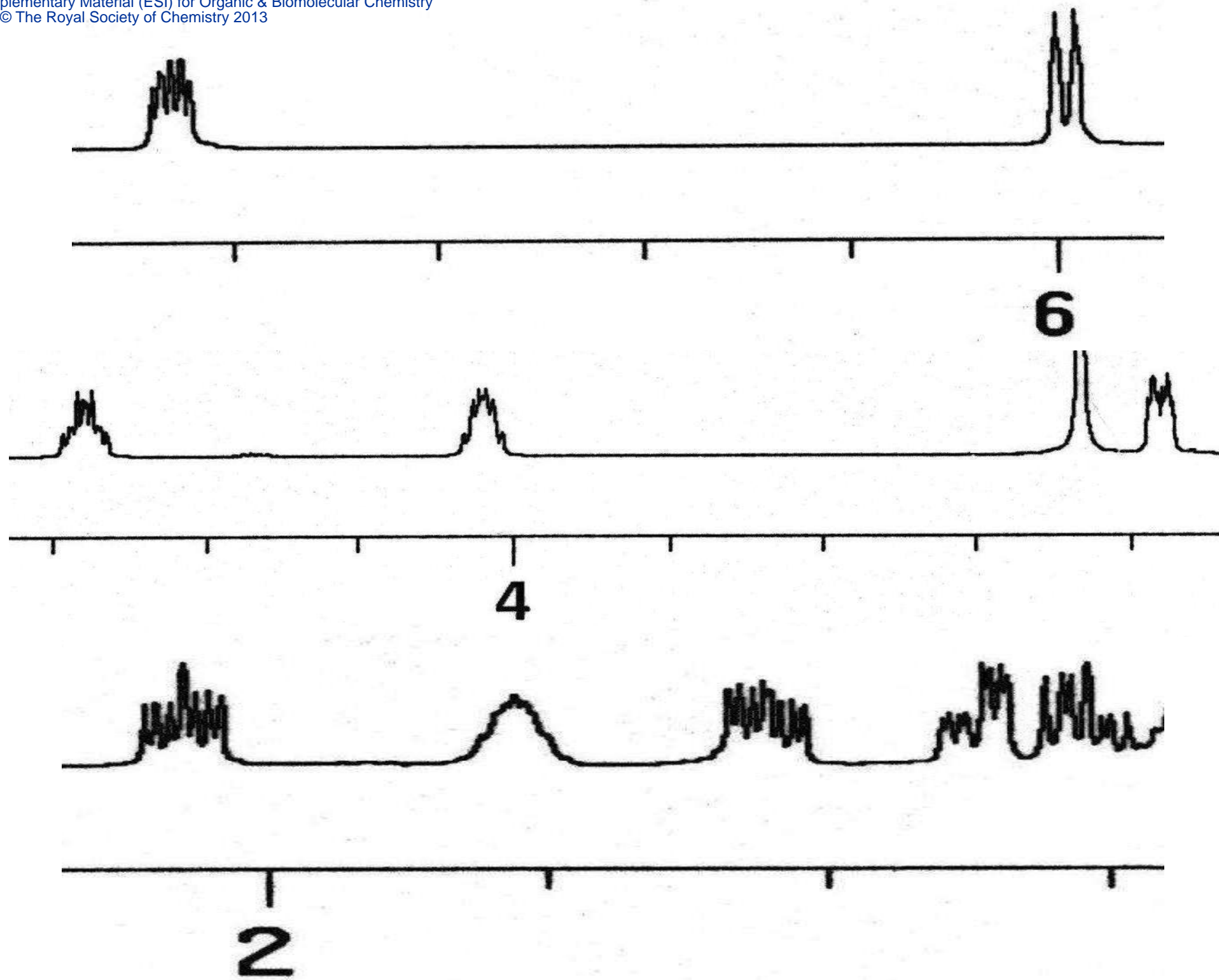


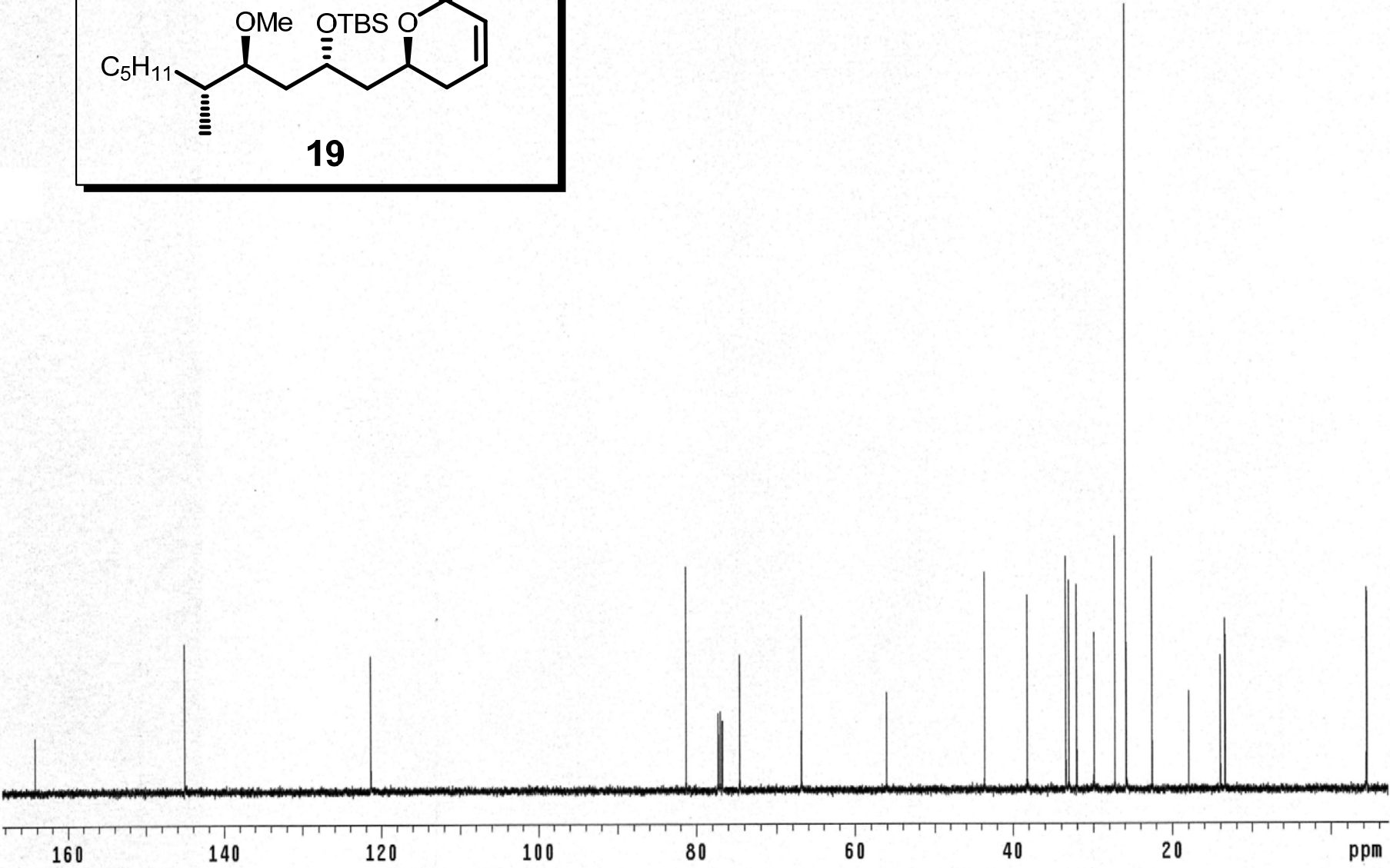
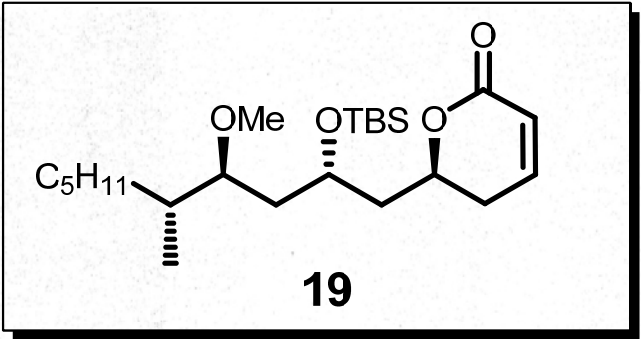


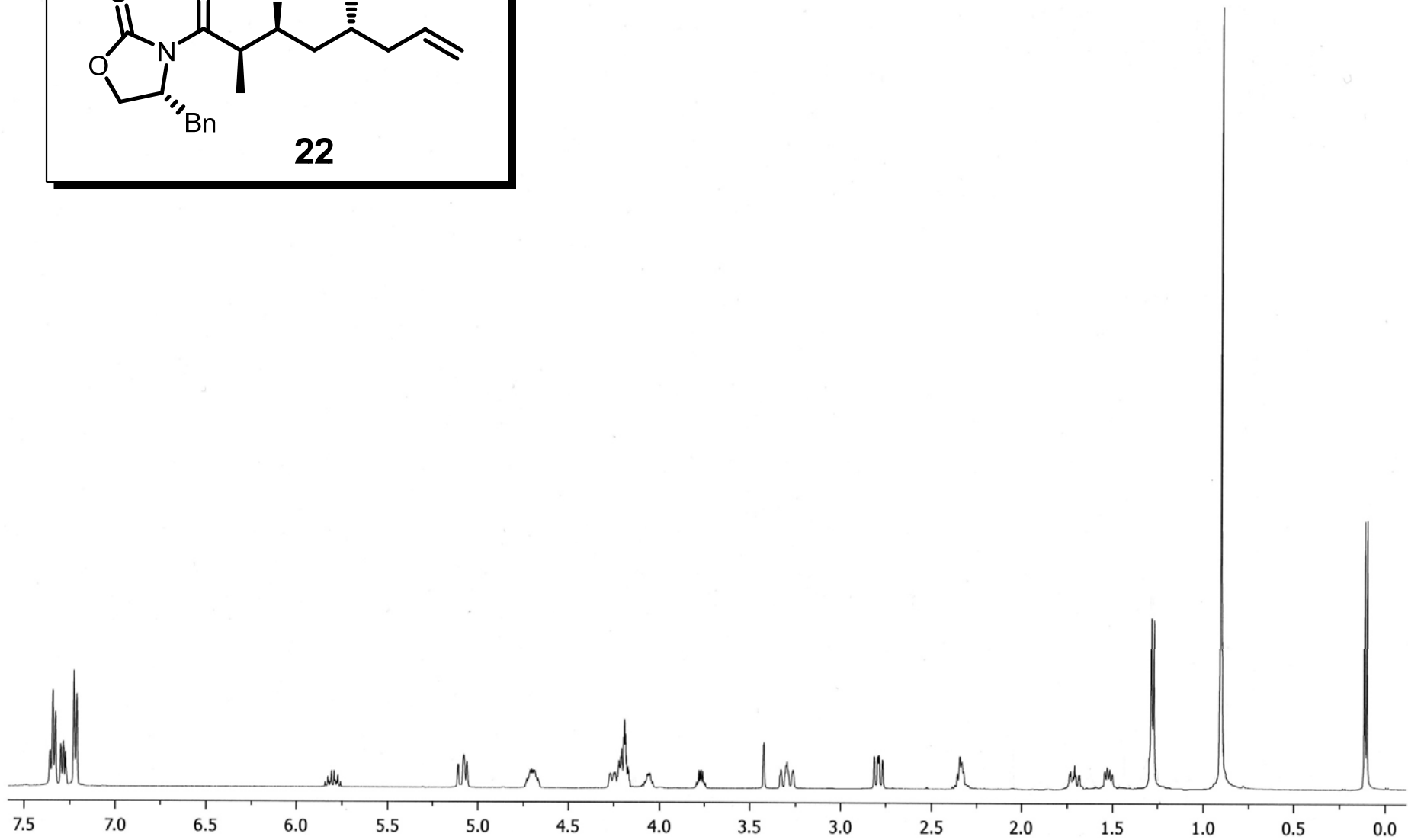
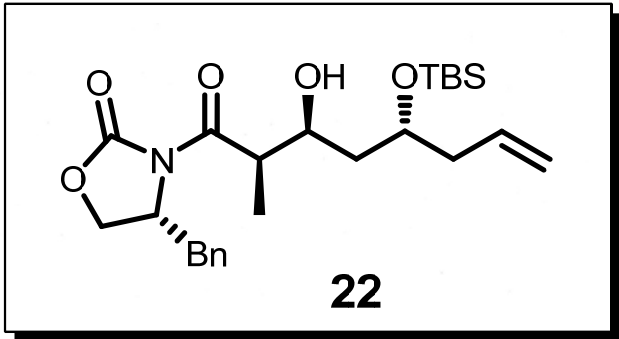


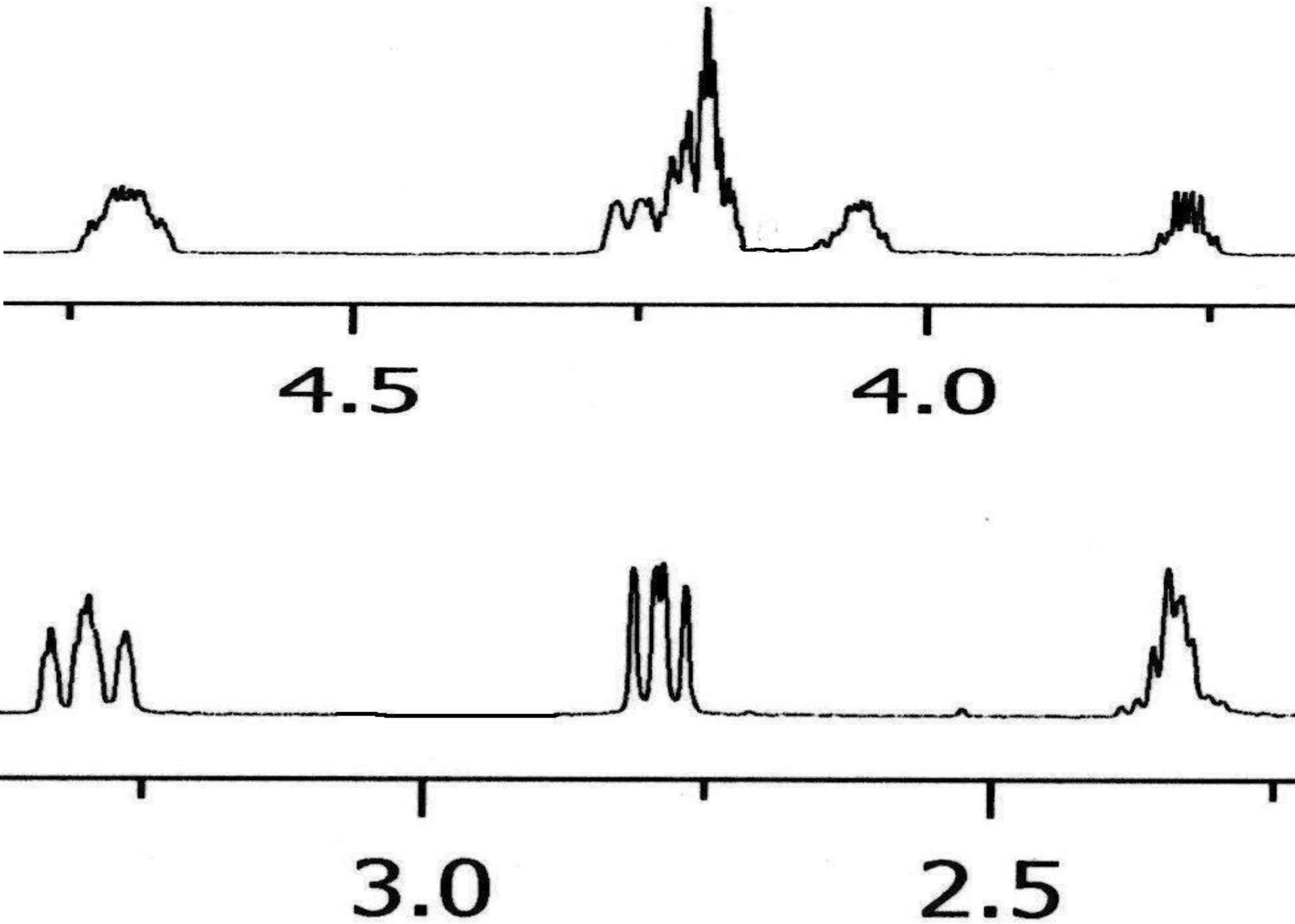


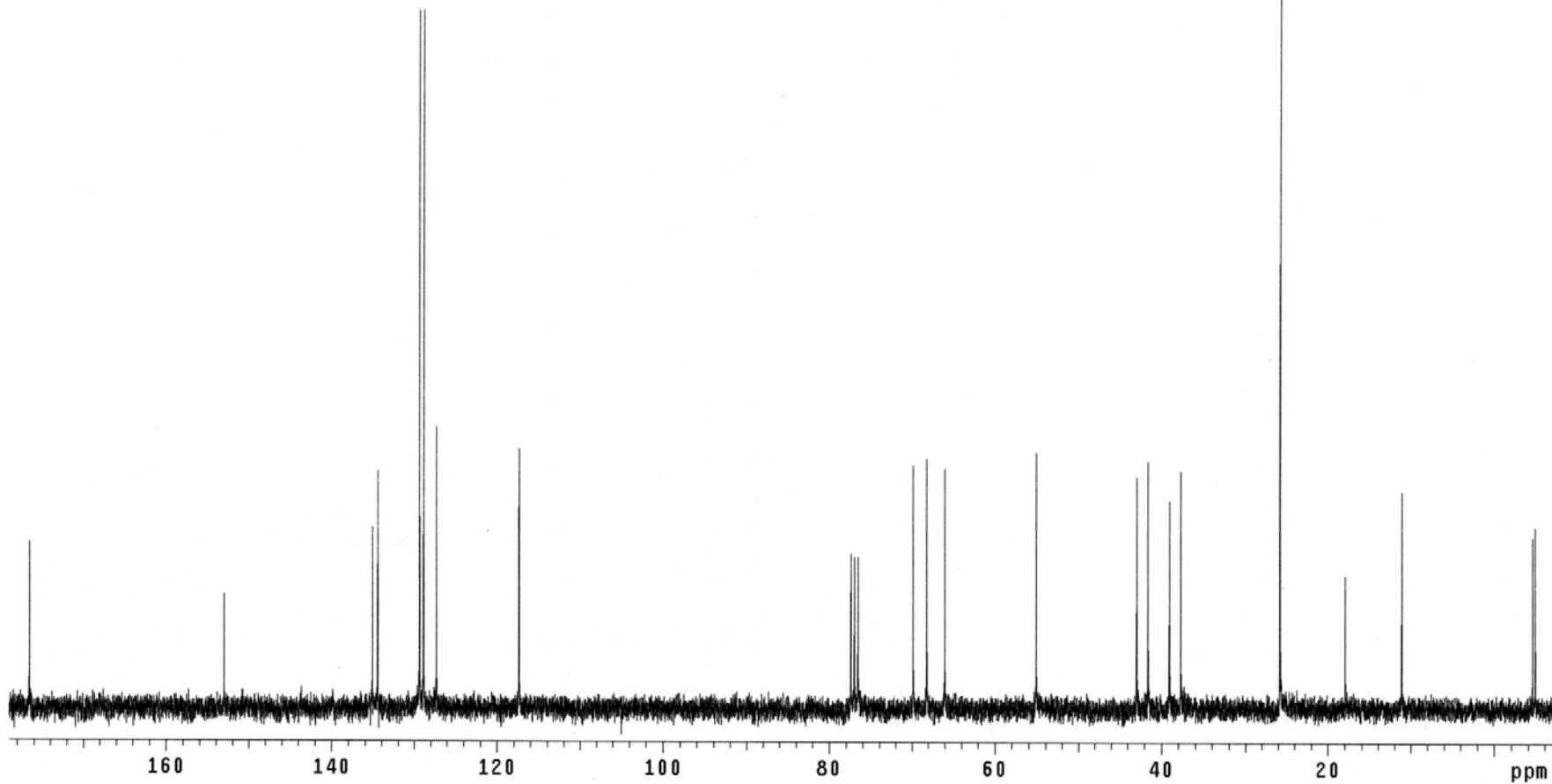
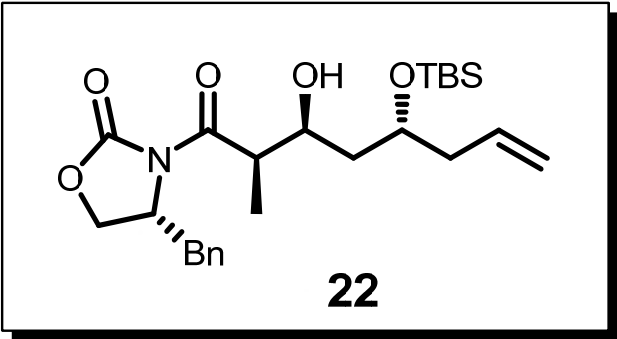


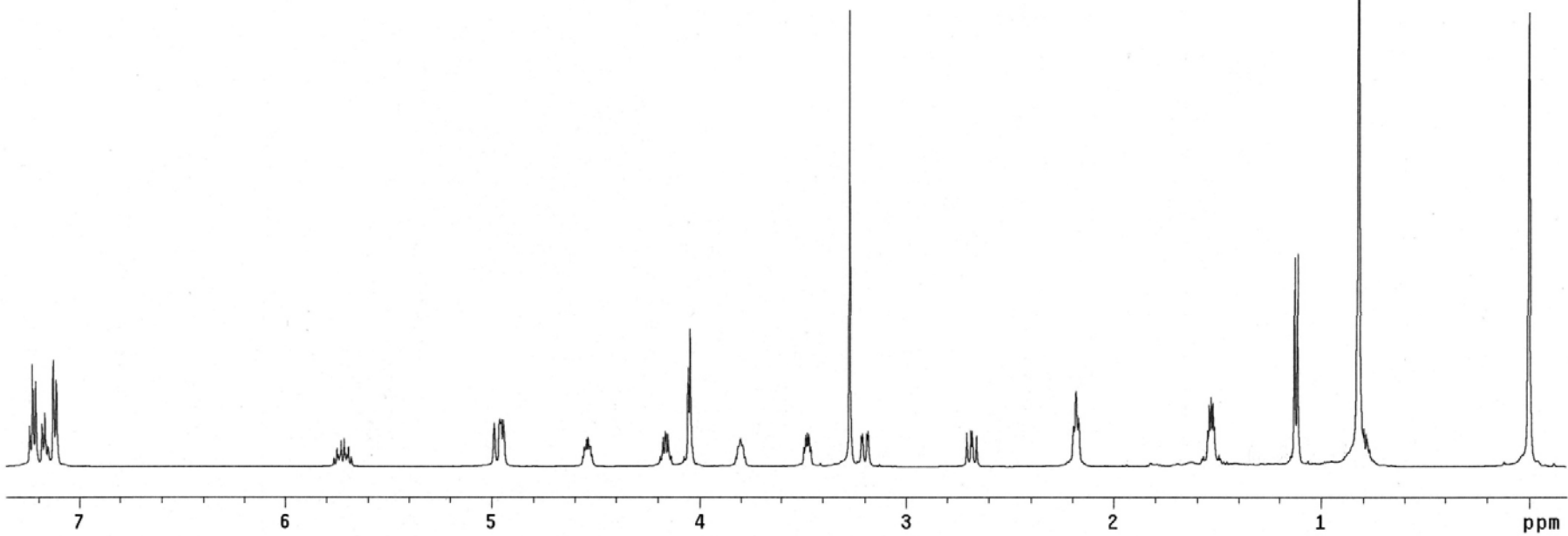
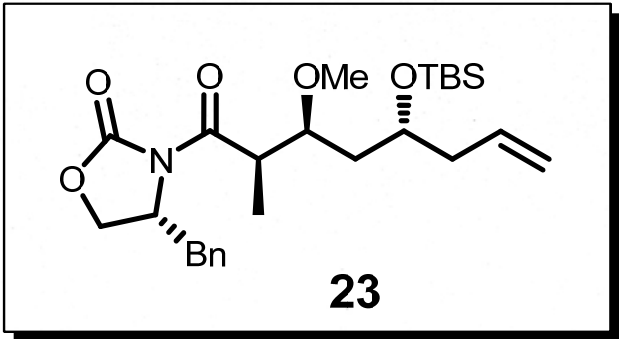


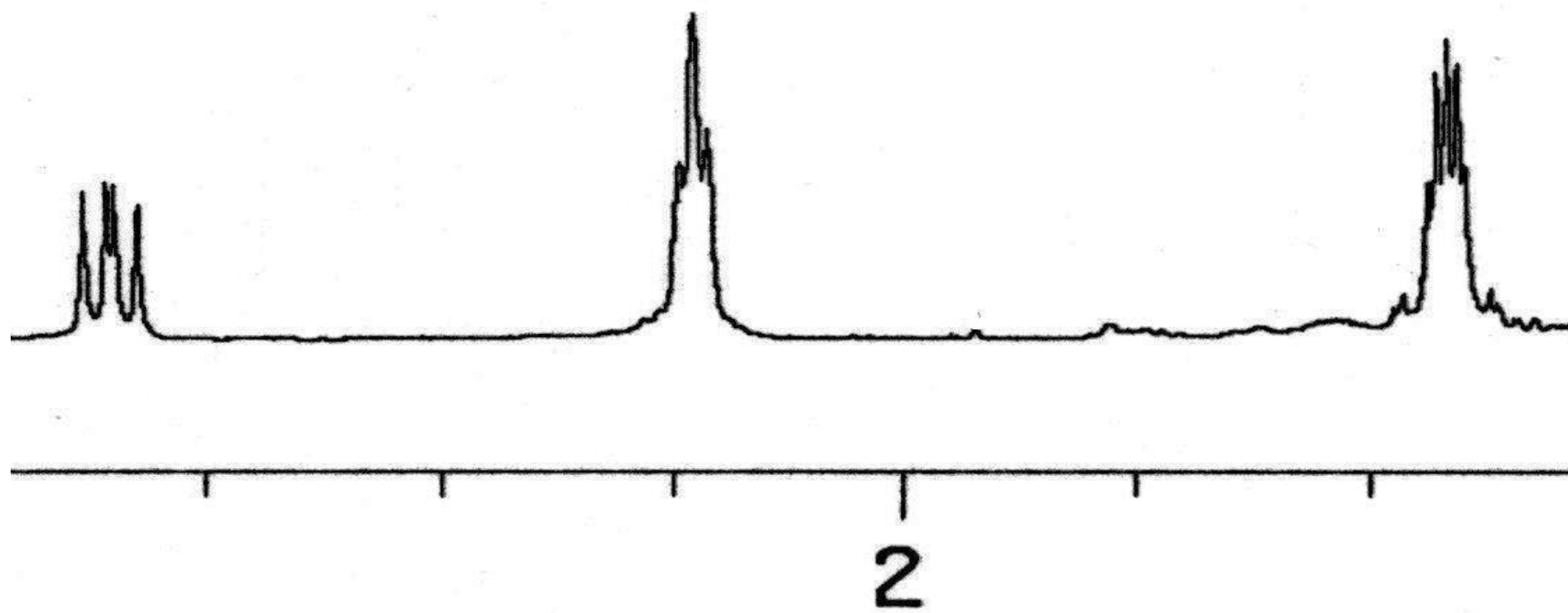
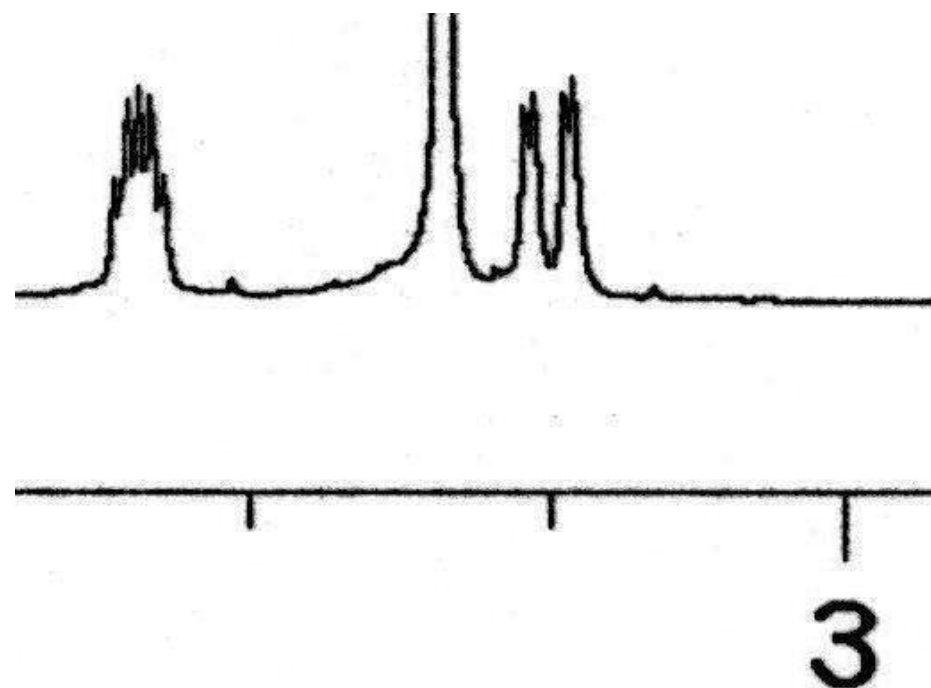
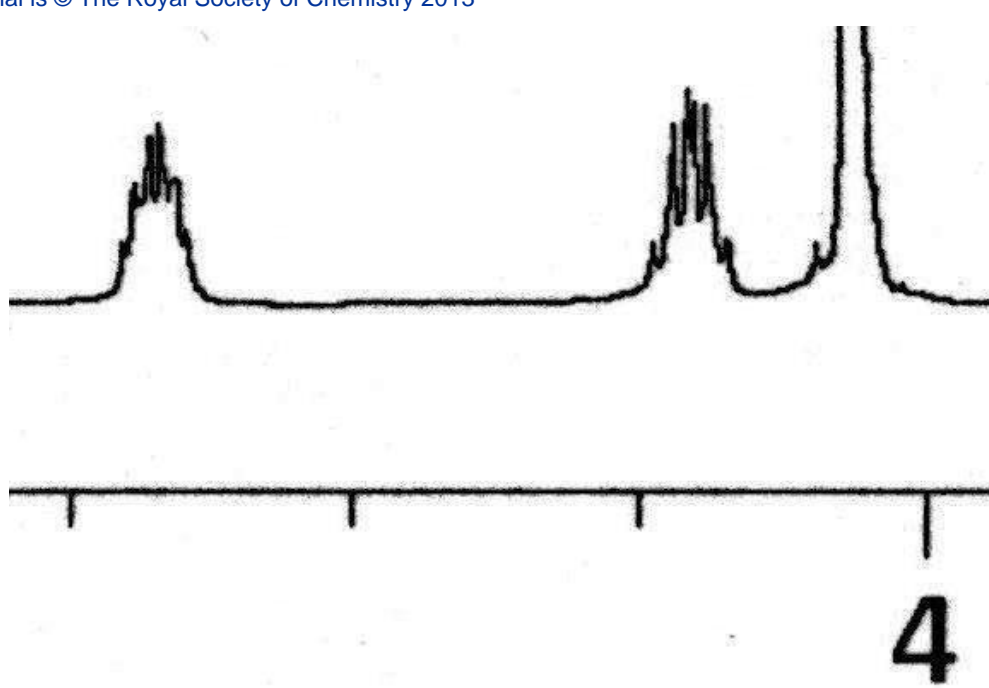


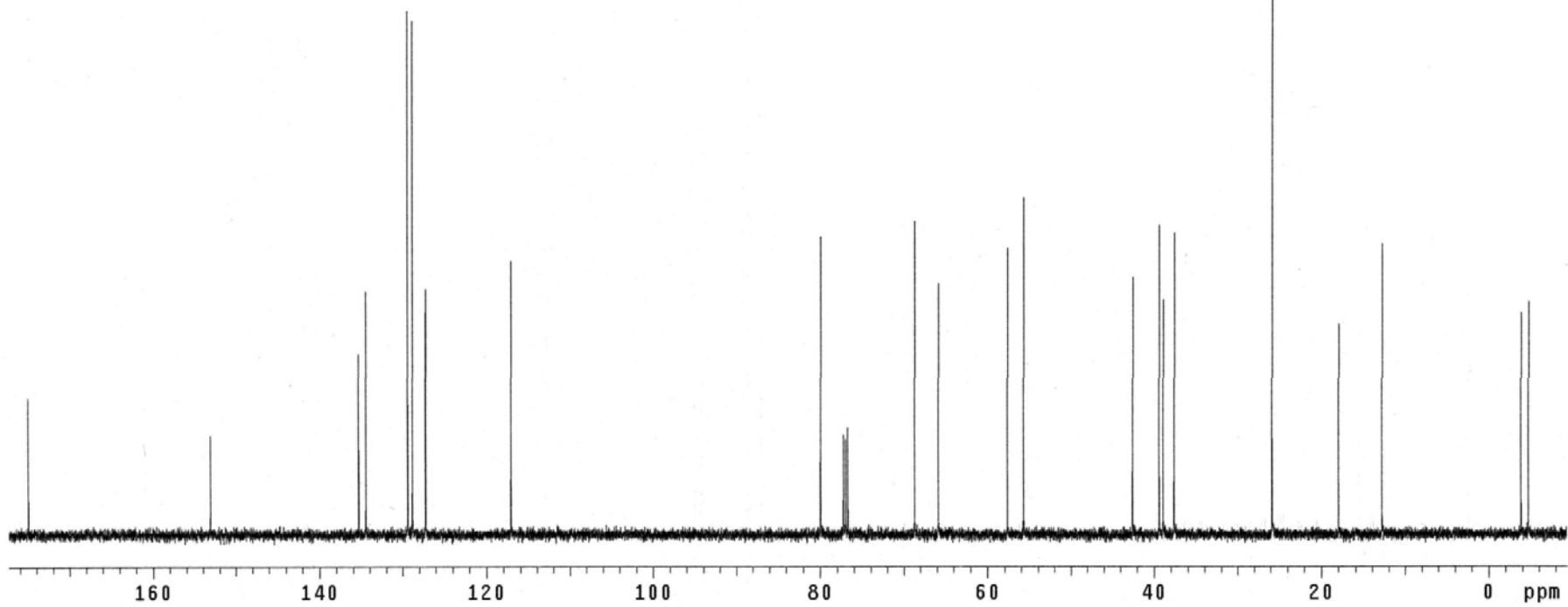
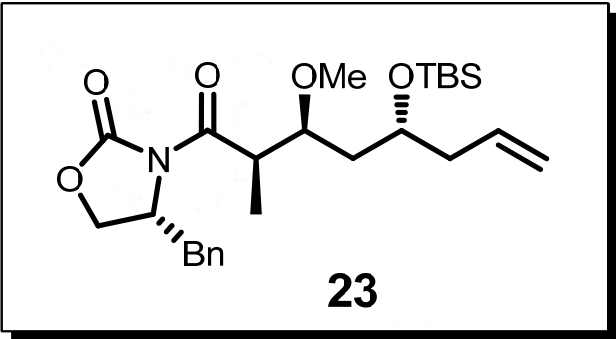


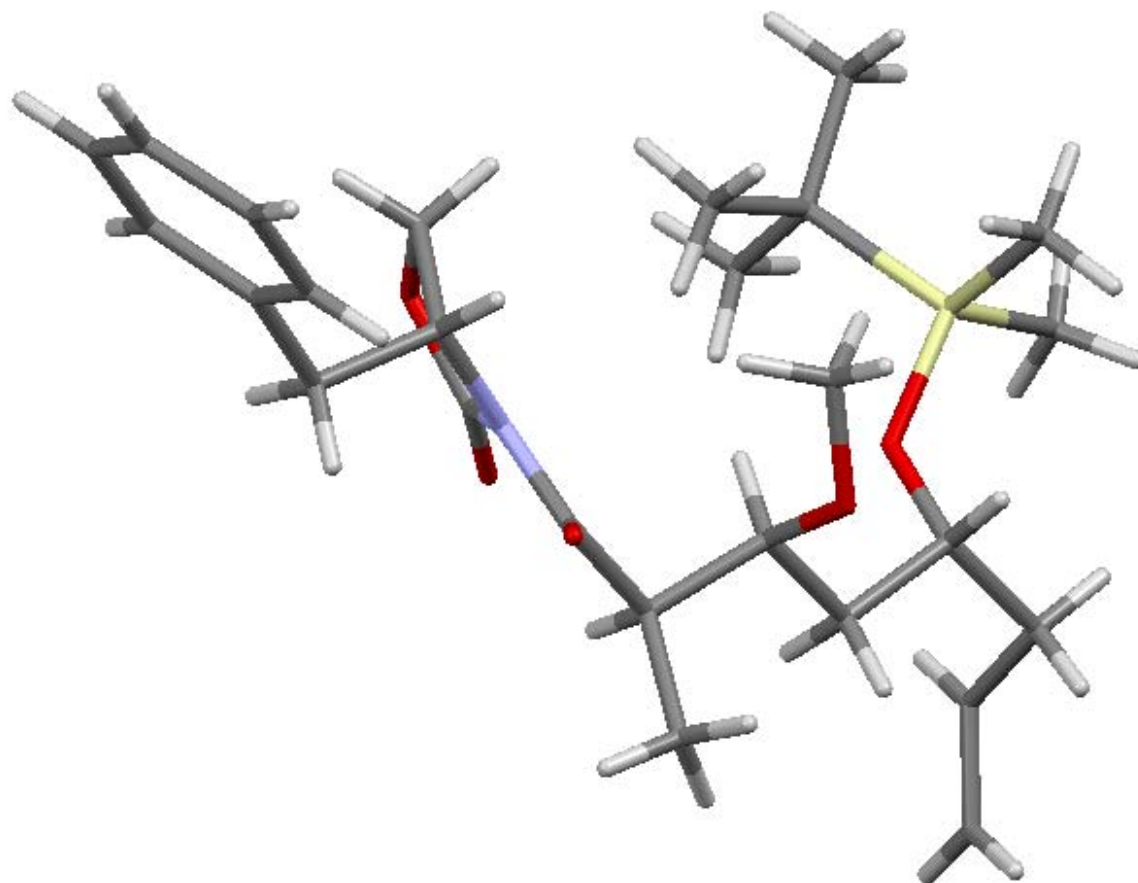












The crystal structure of compound **23** has been deposited at the Cambridge Crystallographic Data Centre and allocated the deposition number CCDC-917056.

