

Supporting Information File

**Synthesis of the Aminocyclopentenediol Fragment of Queuosine
by way of the Stereoselective Addition of an Organometallic Reagent
to a N-t-butanesulfinyl Glycosylamine**

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Comparison of NMR data of compound **11** with the data reported in 1996 by Ogasawara et al.¹ (***) for the same compound obtained by a totally different approach. The agreement is quite remarkable.

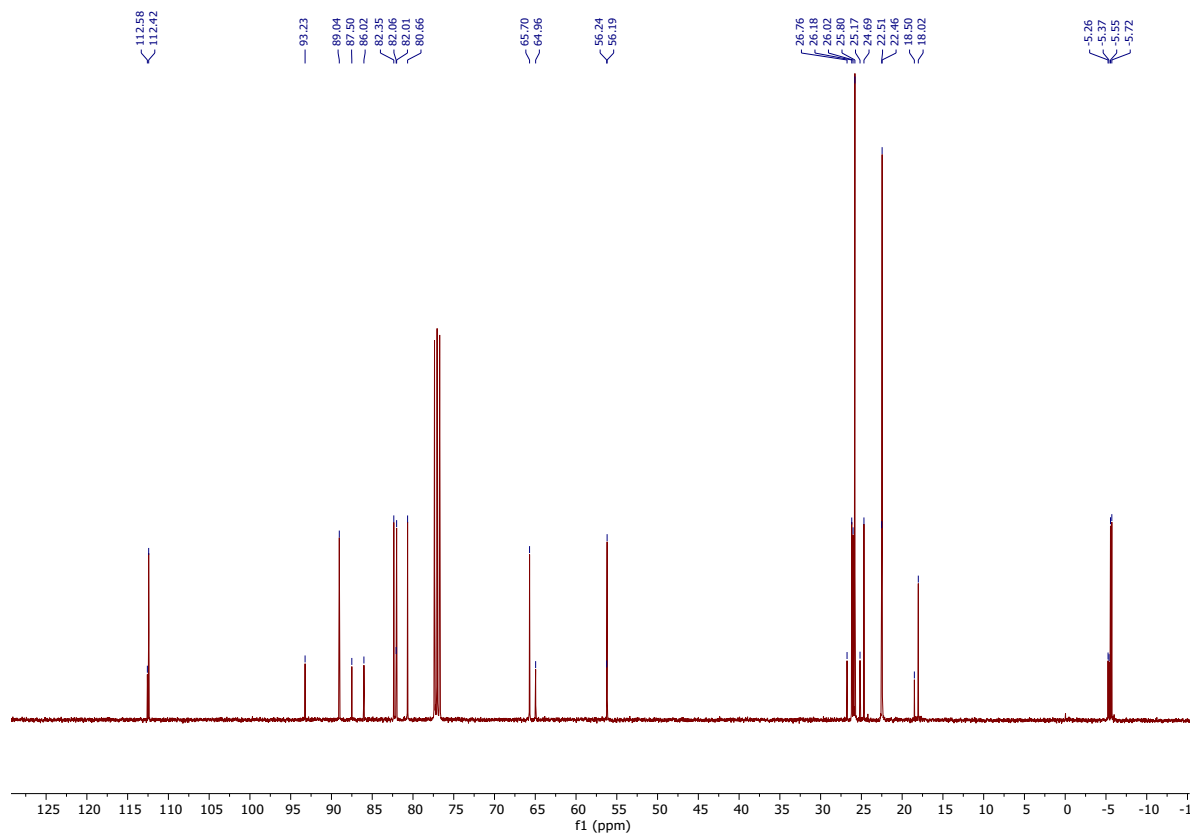
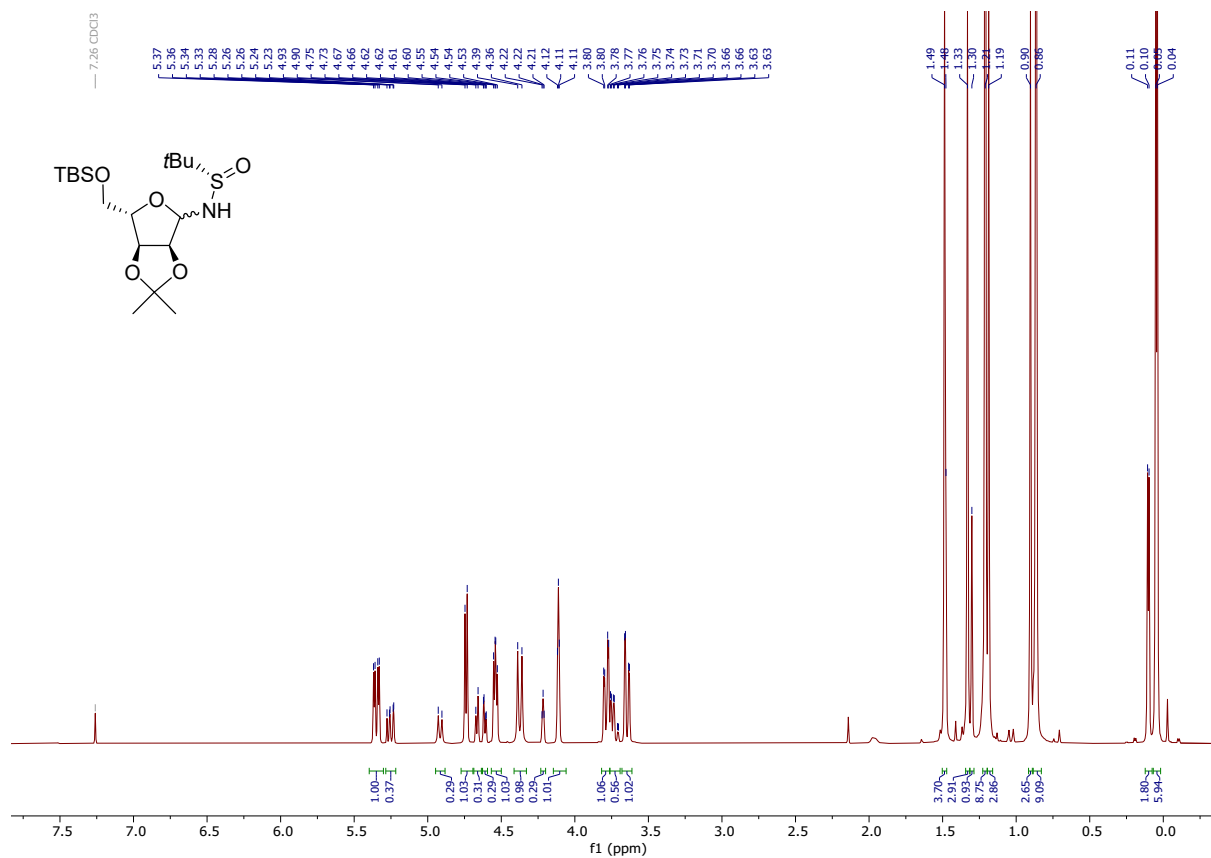
Assignement	δ (ppm)	J (Hz)	δ (ppm)**	J (Hz)
H-1	5,975 (d)	5,7	5,98 (d)	5,5
H-2	5,77 (d)	5,7	5,765 (m)	-
H-3	4,6 (br. s)	-	4,55 (br. s)	-
H-5	5,225 (d)	5,6	5,22 (d)	5,5
H-4	4,49 (d)	5,6	4,49 (d, 2H) + NH	5,5
CMe2A	1.34 (s, 3H)	-	1.34 (s, 3H)	-
CMe2B	1.41 (s, 3H)	-	1.41 (s, 3H)	-
Boc-tBu	1.46 (s, 9H)	-	1.46 (s, 9H)	-

¹ K. Tanaka and K. Ogasawara, *Synthesis* 1996, 219-222.

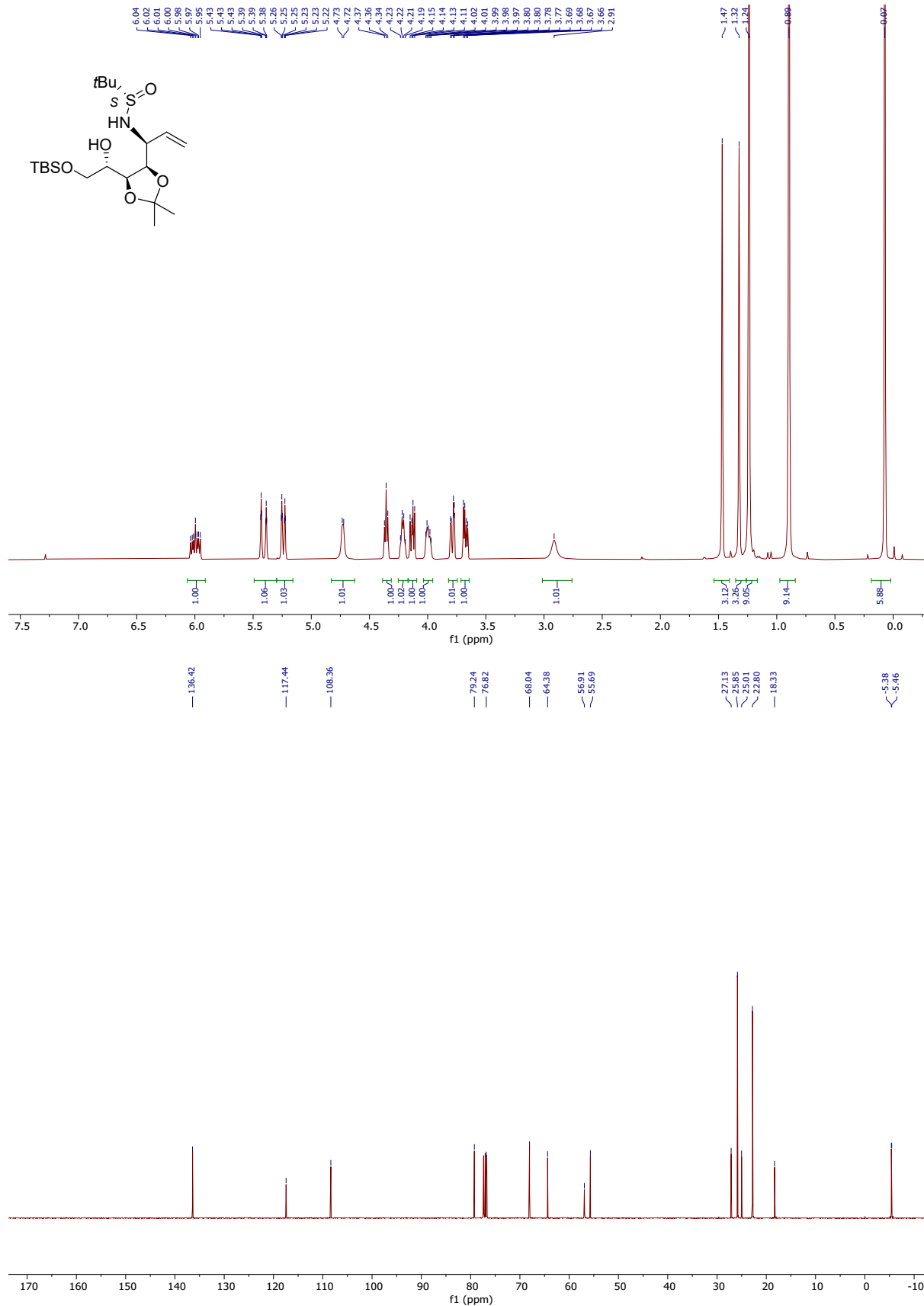
COPIES OF NMR SPECTRA

*¹H (400 MHz) and ¹³C (101 MHz) NMR data for compounds **6**, **7S**, **7R**, **8**, **9**, **10**, **11**, **3** (CDCl₃, 300 K)*

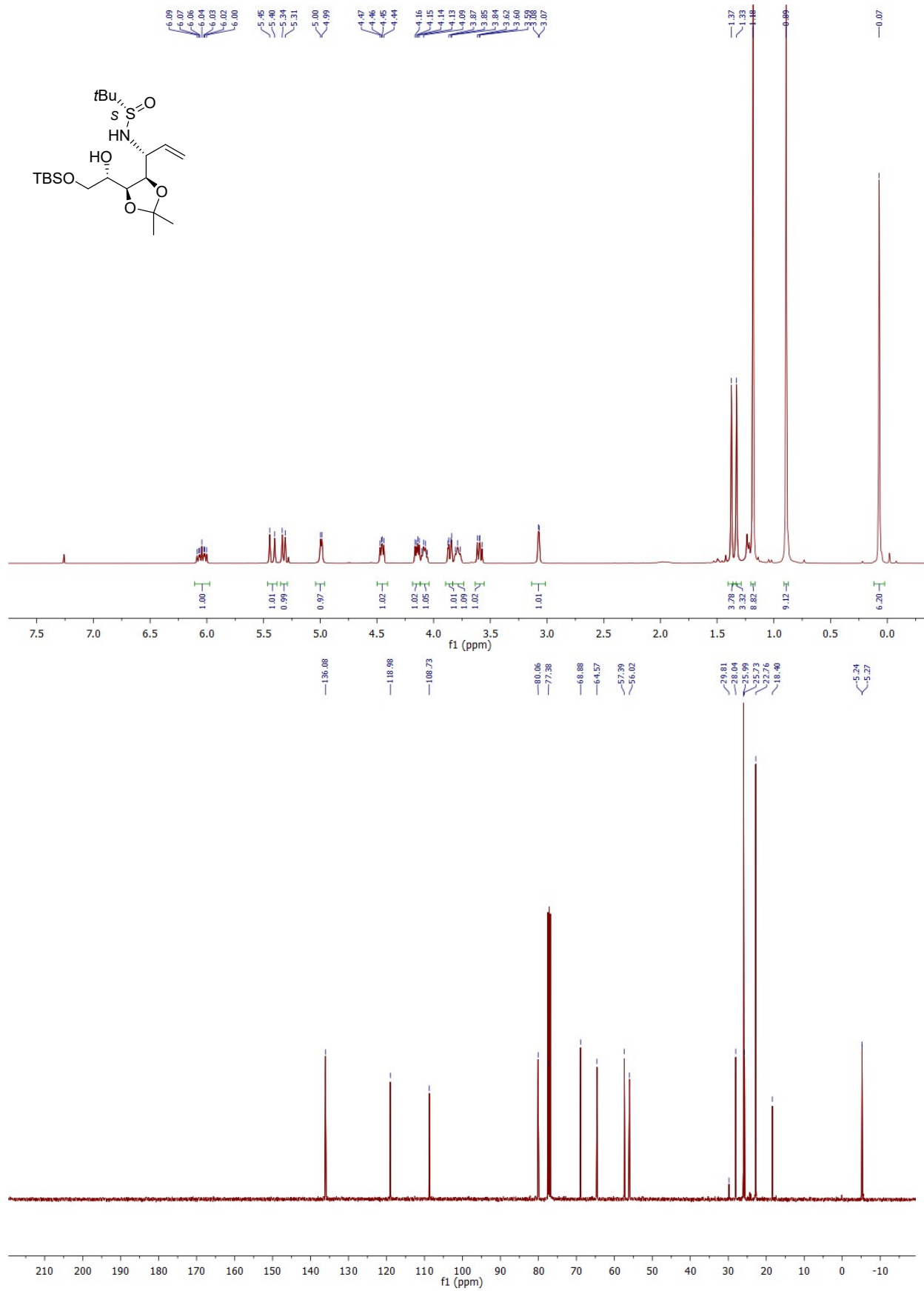
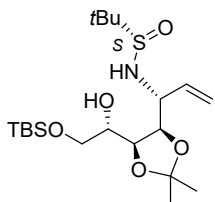
Compound 6



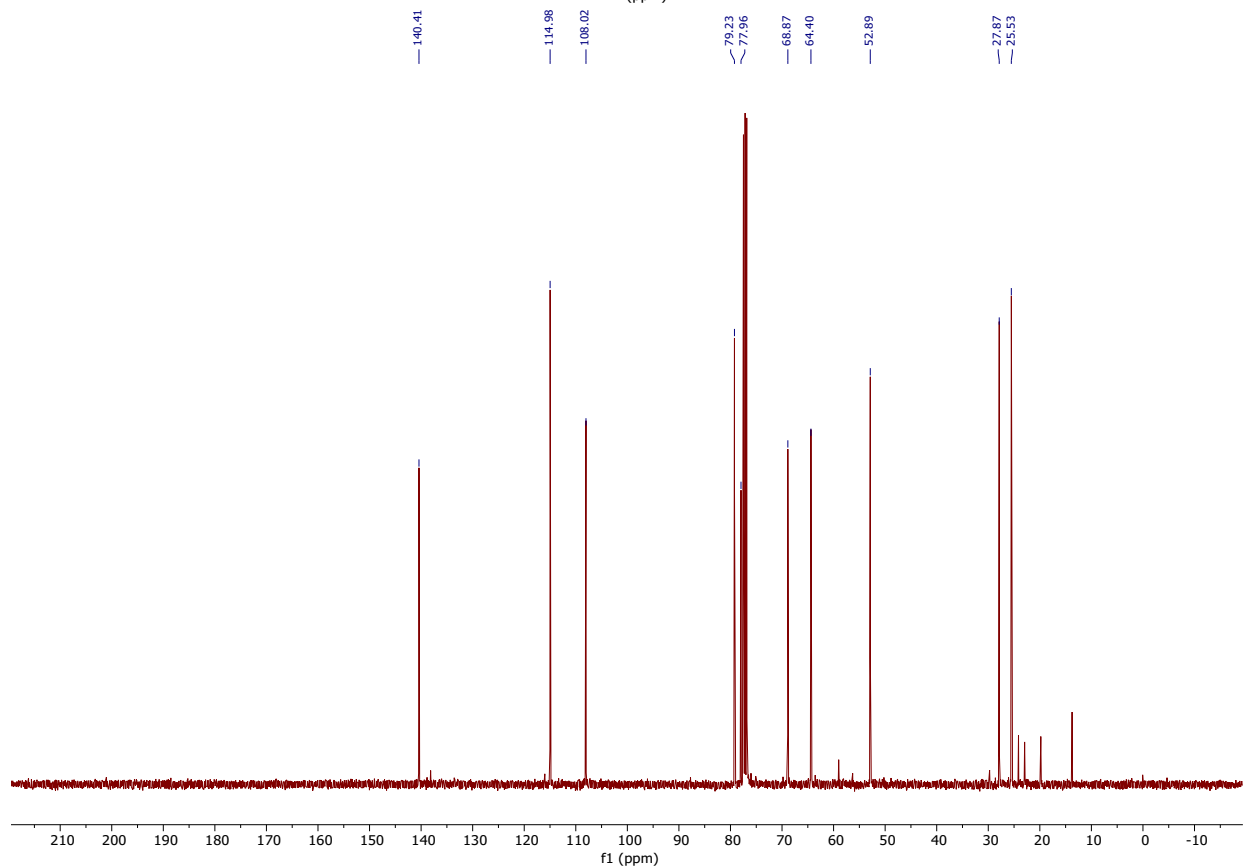
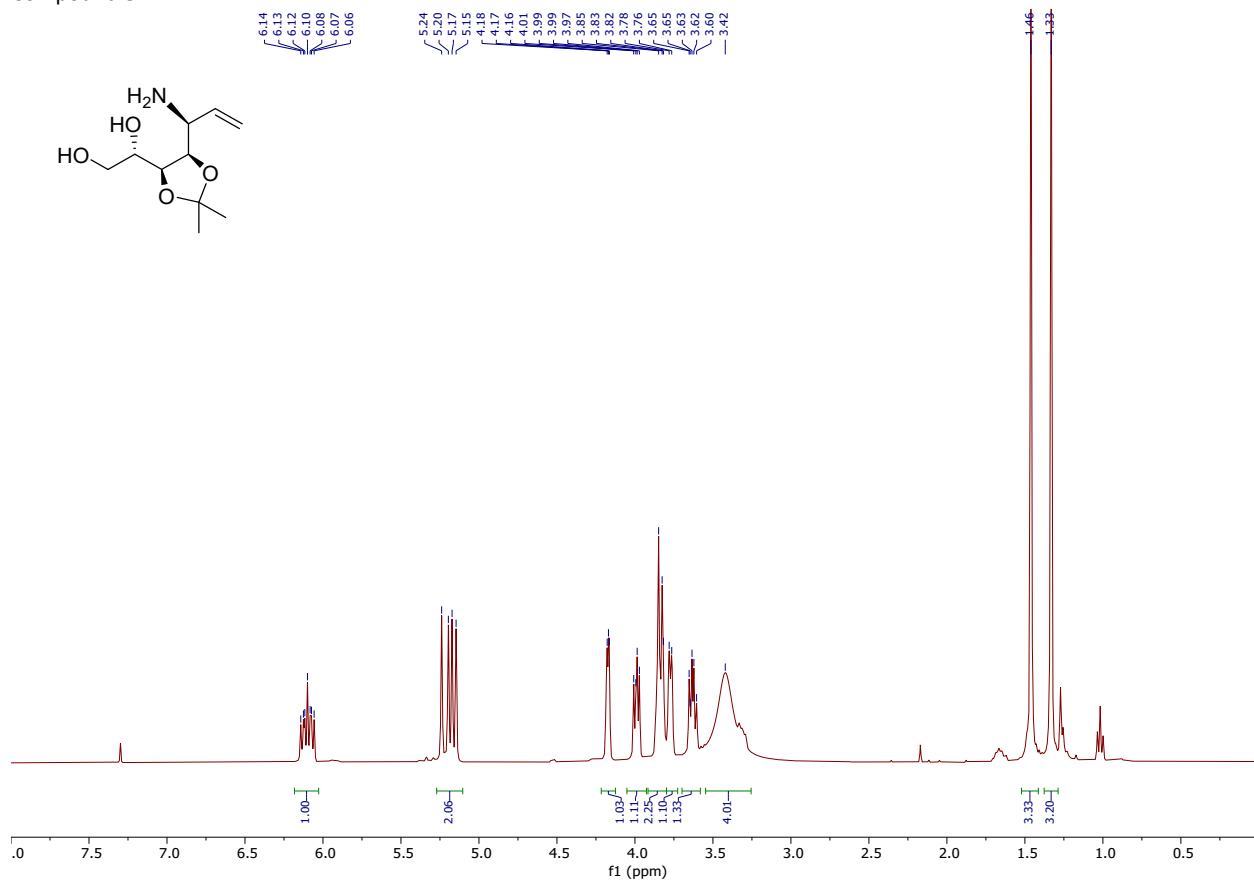
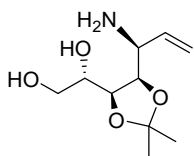
Compound 7S



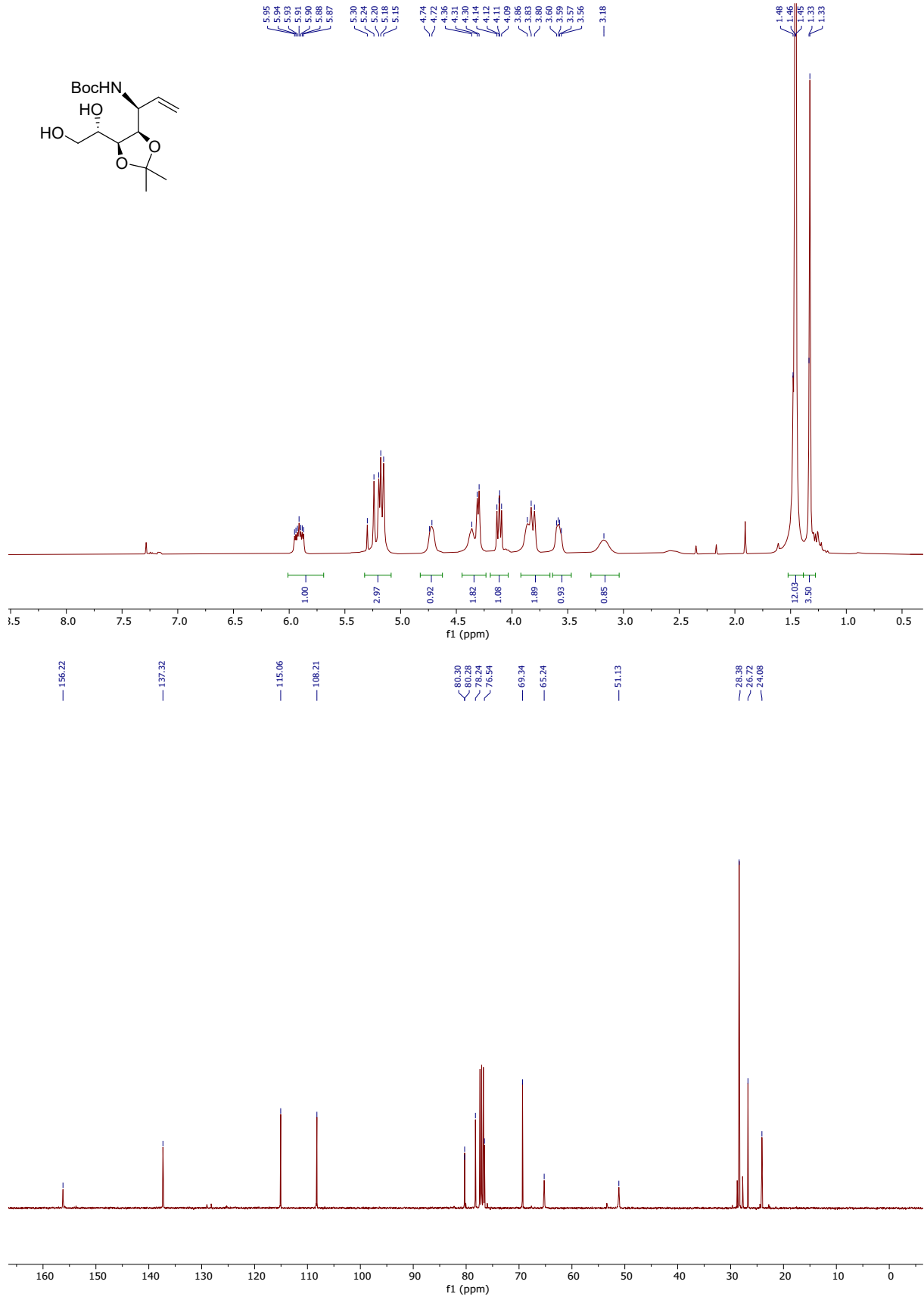
Compound 7R



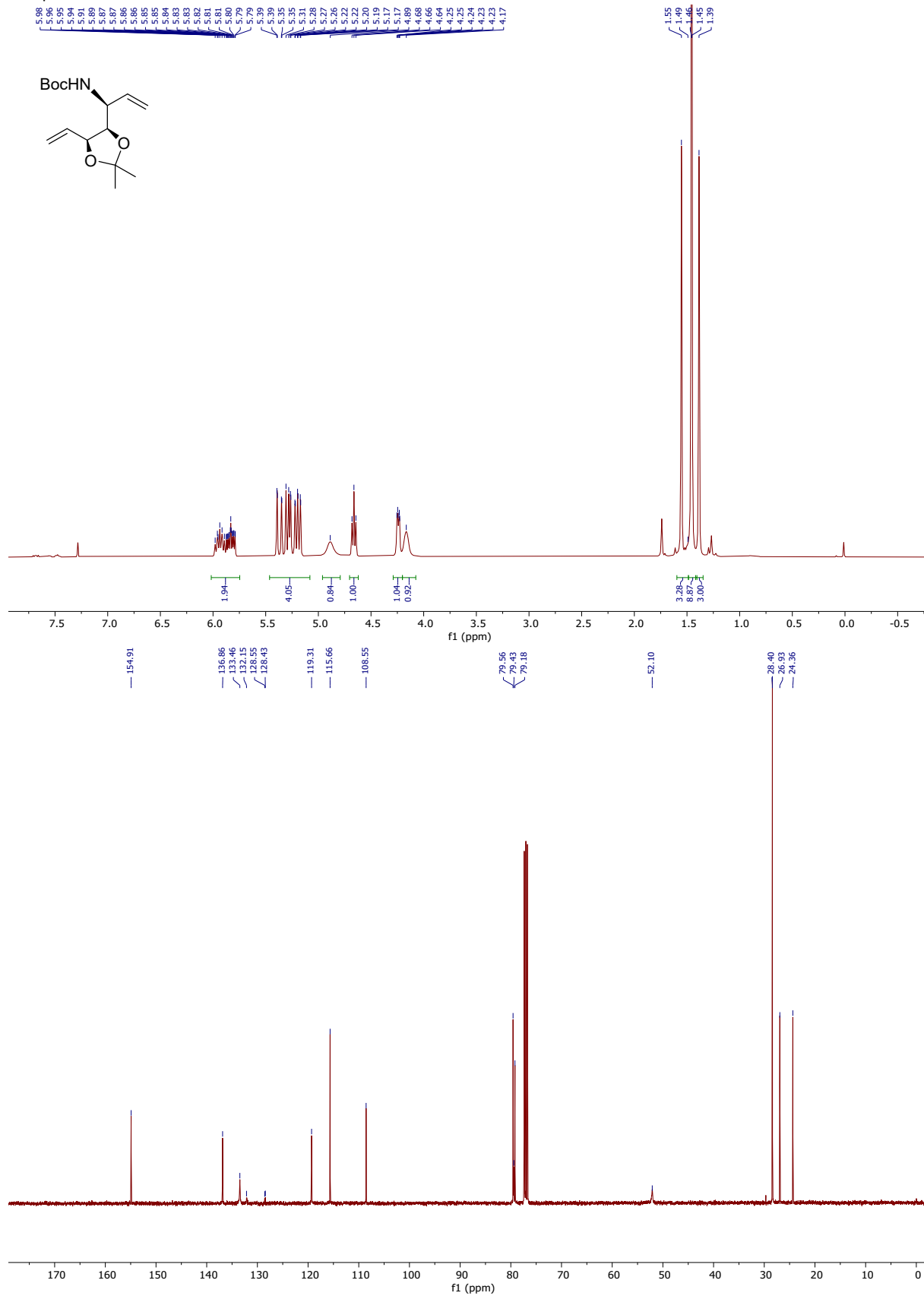
Compound 8



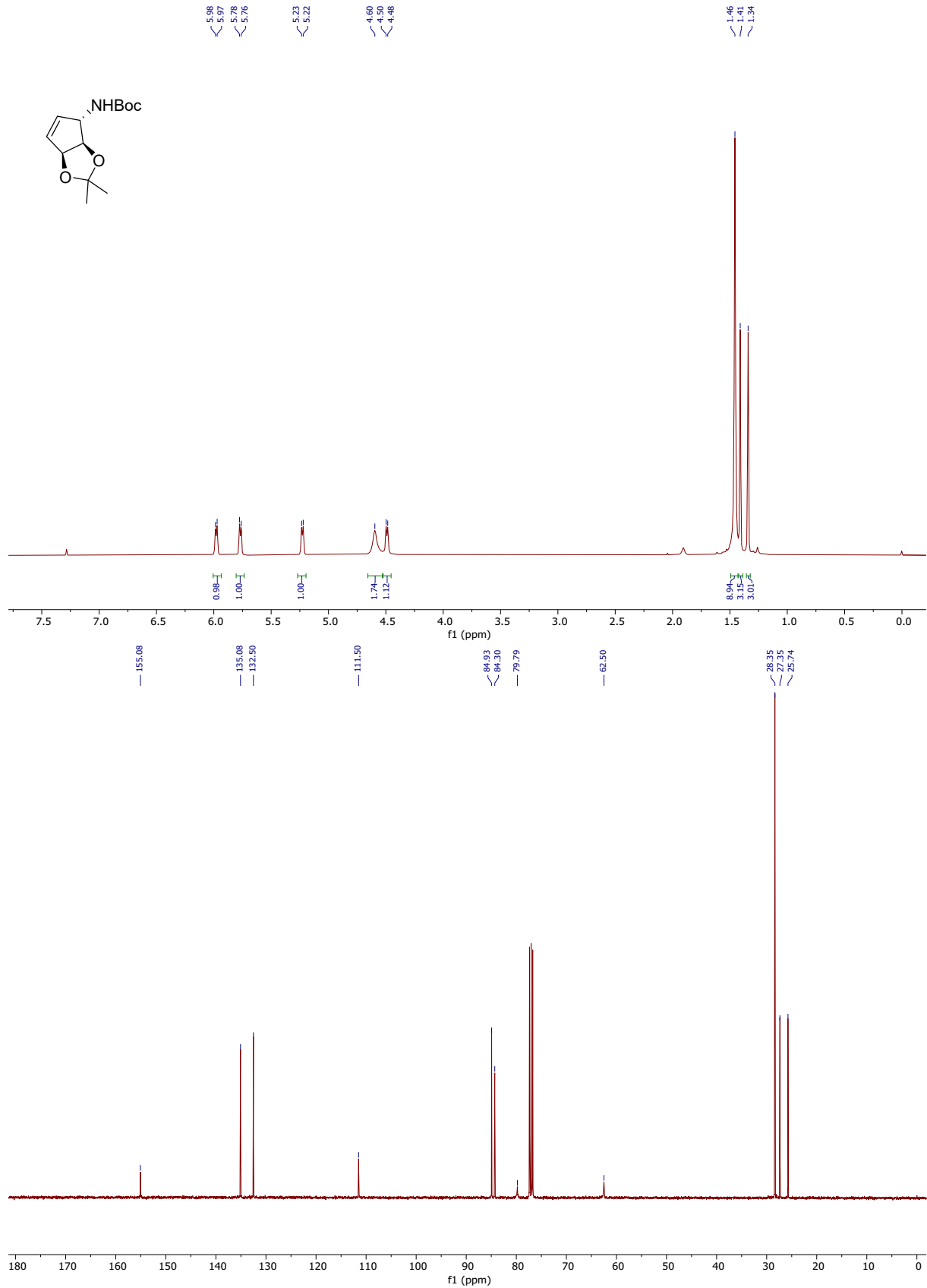
Compound 9



Compound 10



Compound 11



Compound 3

