

# **A convenient approach towards the synthesis of ADMDP type iminosugars and nojirimycin derivatives from sugar-derived lactams.**

Piotr Szcześniak, Barbara Grzeszczyk and Bartłomiej Furman\*

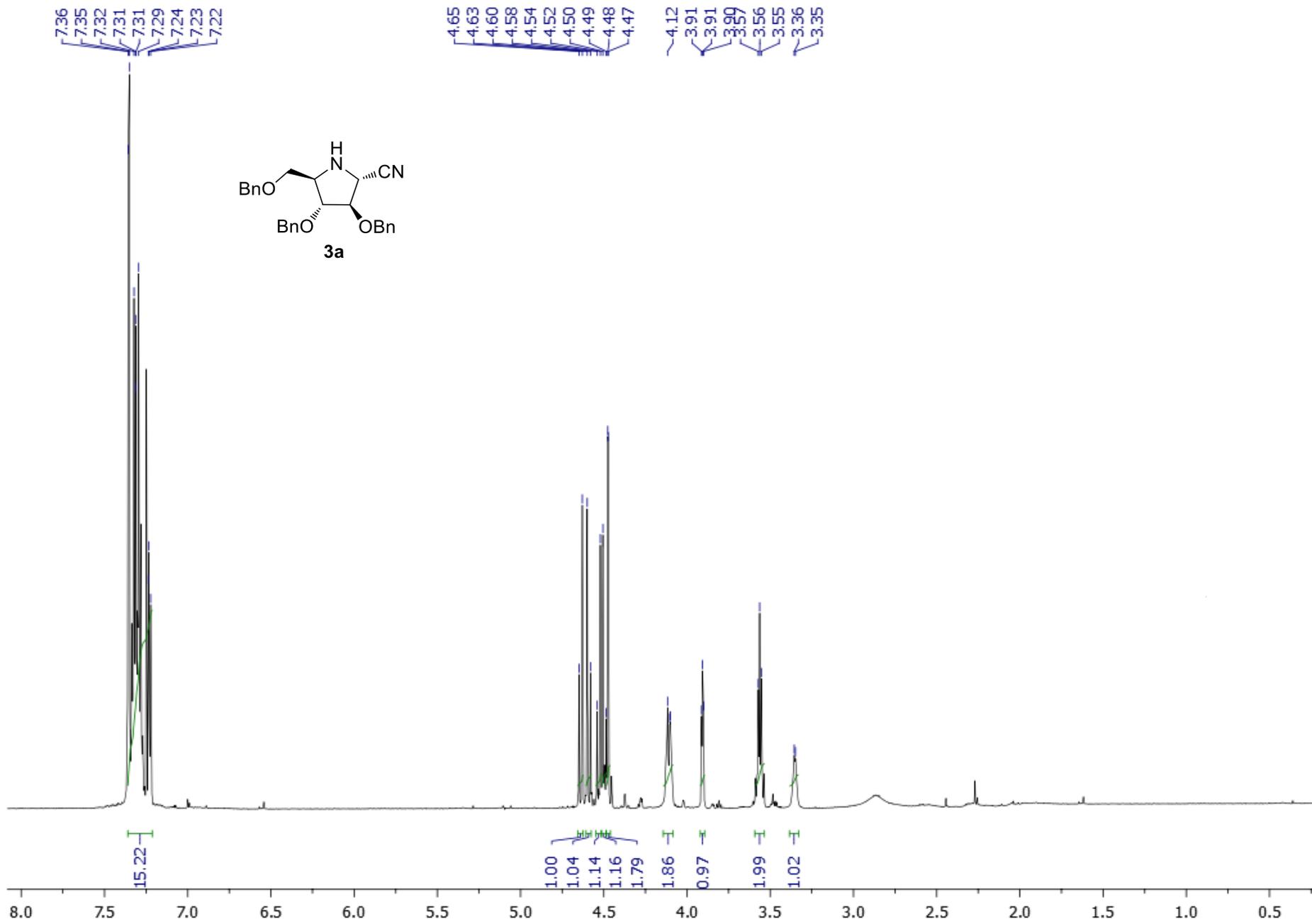
*Institute of Organic Chemistry, Polish Academy of Sciences*

*Kasprzaka 44/52, 01-224 Warsaw, Poland*

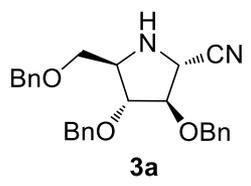
*Corresponding authors: bartlomiej.furman@icho.edu.pl*

## **Table of Context:**

Copies of  $^1\text{H}$ -,  $^{13}\text{C}$ -NMR, spectra for new compounds: **3a**, **2-*epi*-3a**, **3b**, **6a**, **6b**, **6c**. *S1-S12*



137.80  
137.43  
136.88  
128.55  
128.47  
128.41  
128.13  
128.07  
127.95  
127.74  
127.72



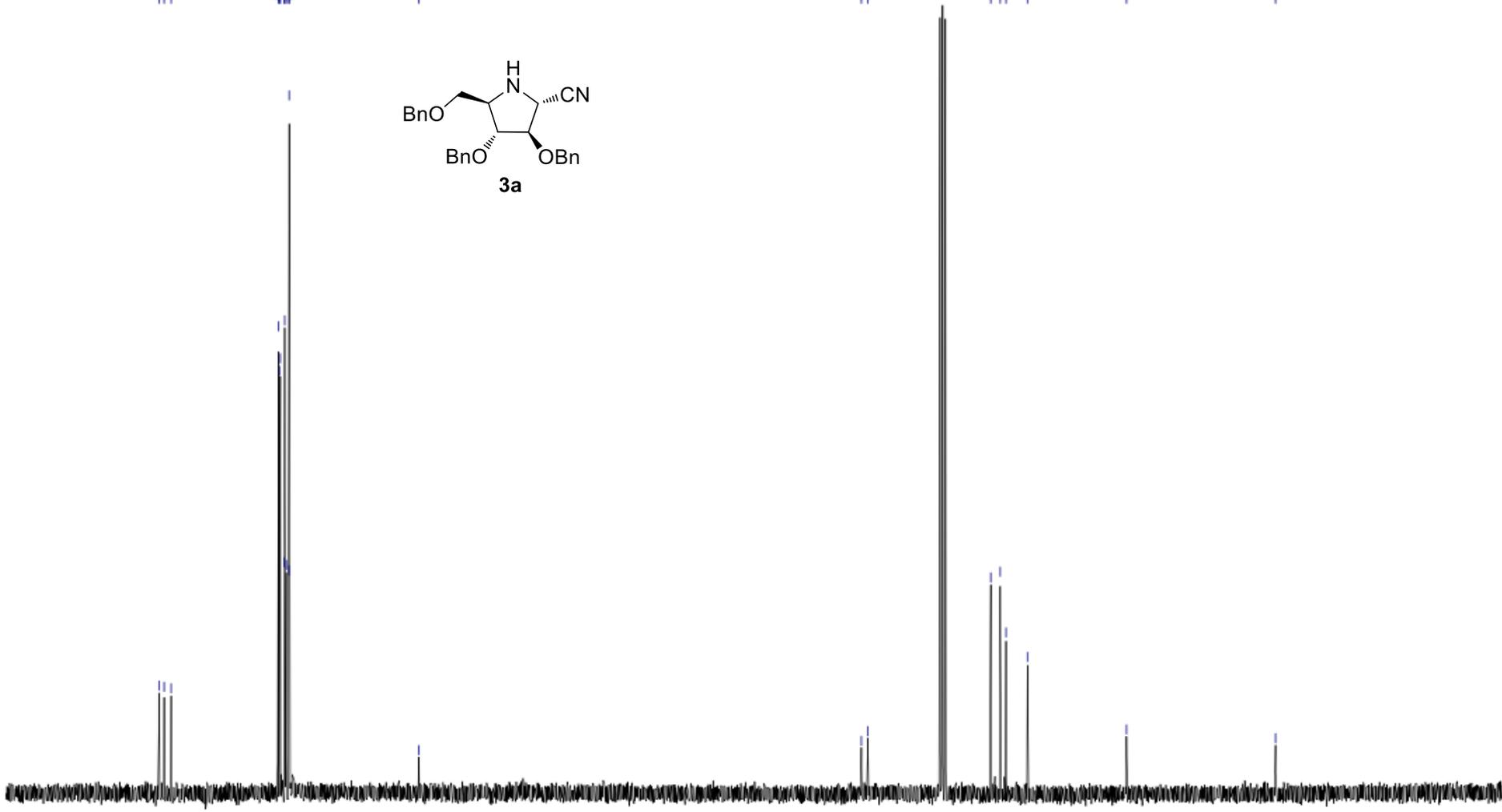
117.65

83.31  
82.81

73.27  
72.54  
72.08  
70.42

62.73

51.17

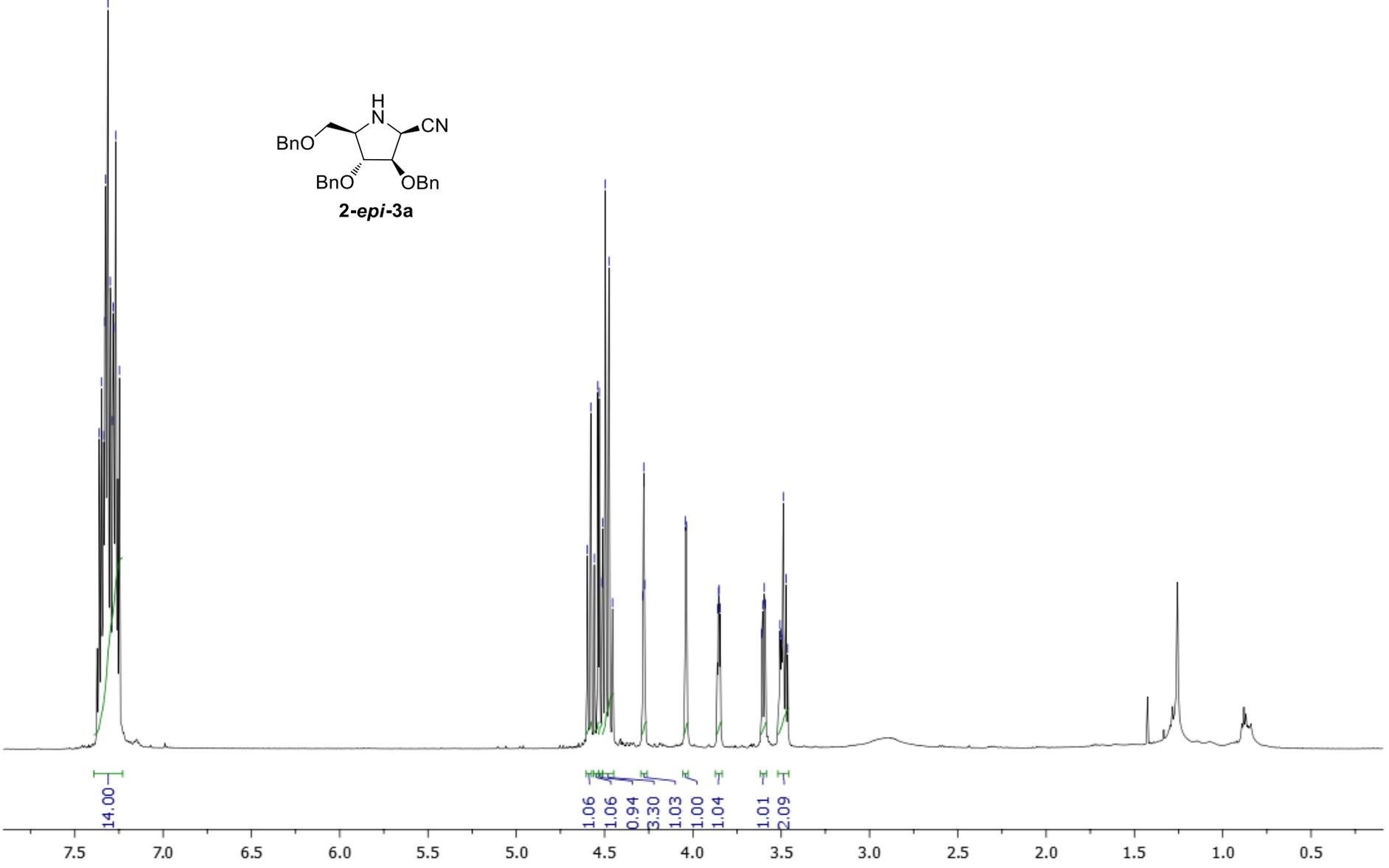
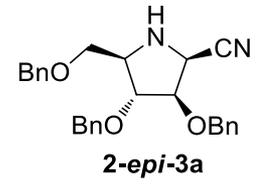


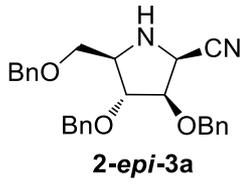
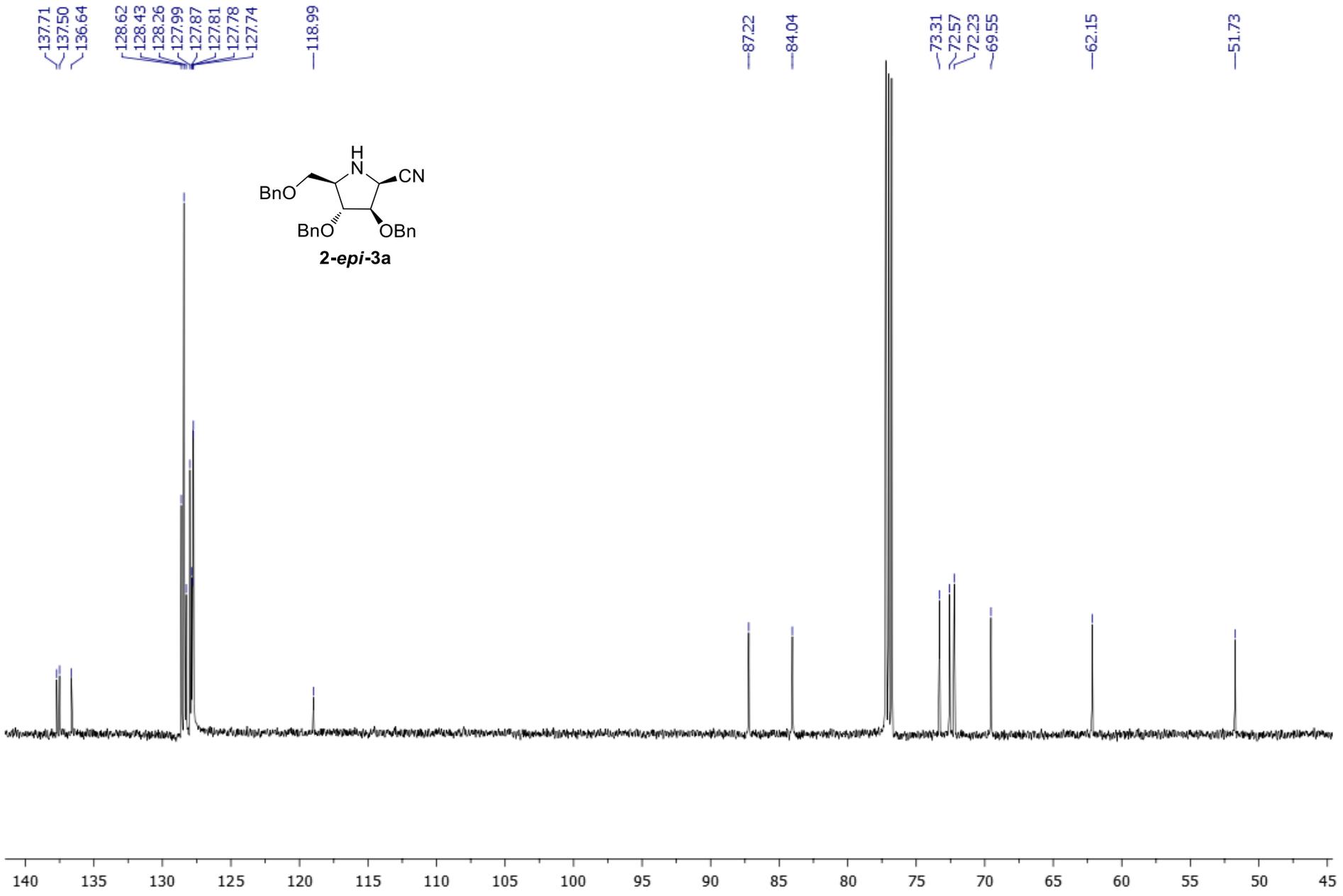
145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35

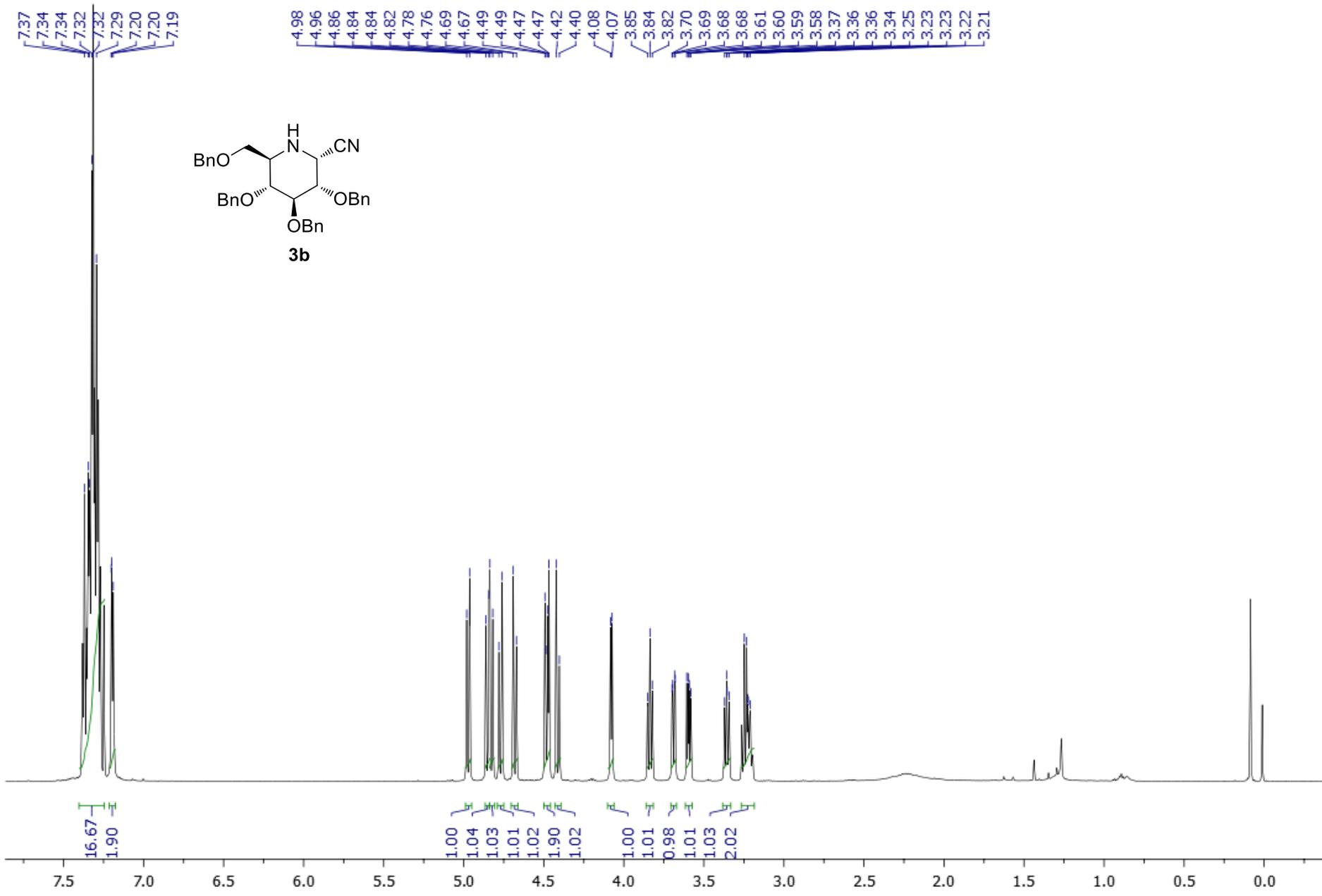
7.36  
7.35  
7.34  
7.33  
7.33  
7.31  
7.30  
7.29  
7.28  
7.28  
7.27  
7.25

4.60  
4.58  
4.56  
4.54  
4.53  
4.51  
4.51  
4.50  
4.48  
4.46  
4.28  
4.28  
4.27

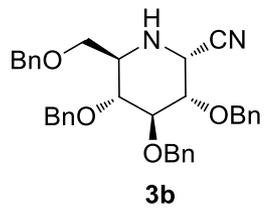
4.04  
4.04  
3.85  
3.60  
3.60  
3.59  
3.51  
3.50  
3.50  
3.49  
3.47  
3.46



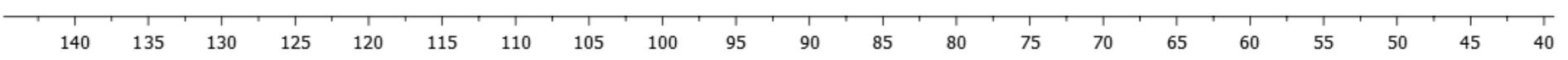


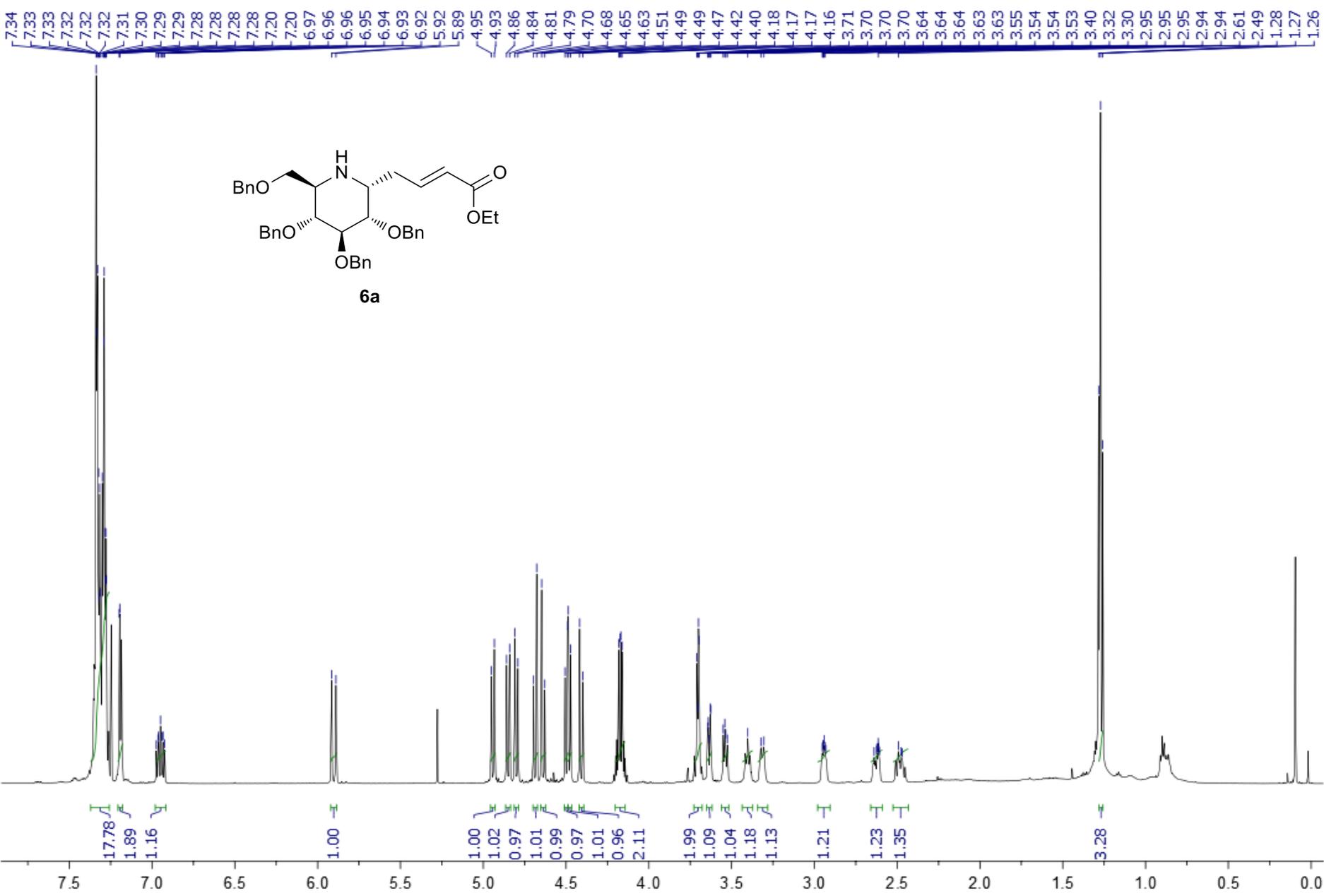


138.39  
138.02  
137.58  
137.46  
128.60  
128.45  
128.41  
128.40  
128.13  
128.02  
127.97  
127.90  
127.87  
127.77  
127.71  
117.47



84.18  
79.04  
78.55  
76.04  
75.11  
73.31  
73.23  
69.88  
55.62  
49.67





166.26

146.46

138.77

138.26

138.02

128.43

128.40

128.36

128.02

127.92

127.81

127.76

127.73

127.70

127.63

127.56

123.62

83.06

81.78

80.15

75.59

75.19

73.16

72.79

69.97

60.22

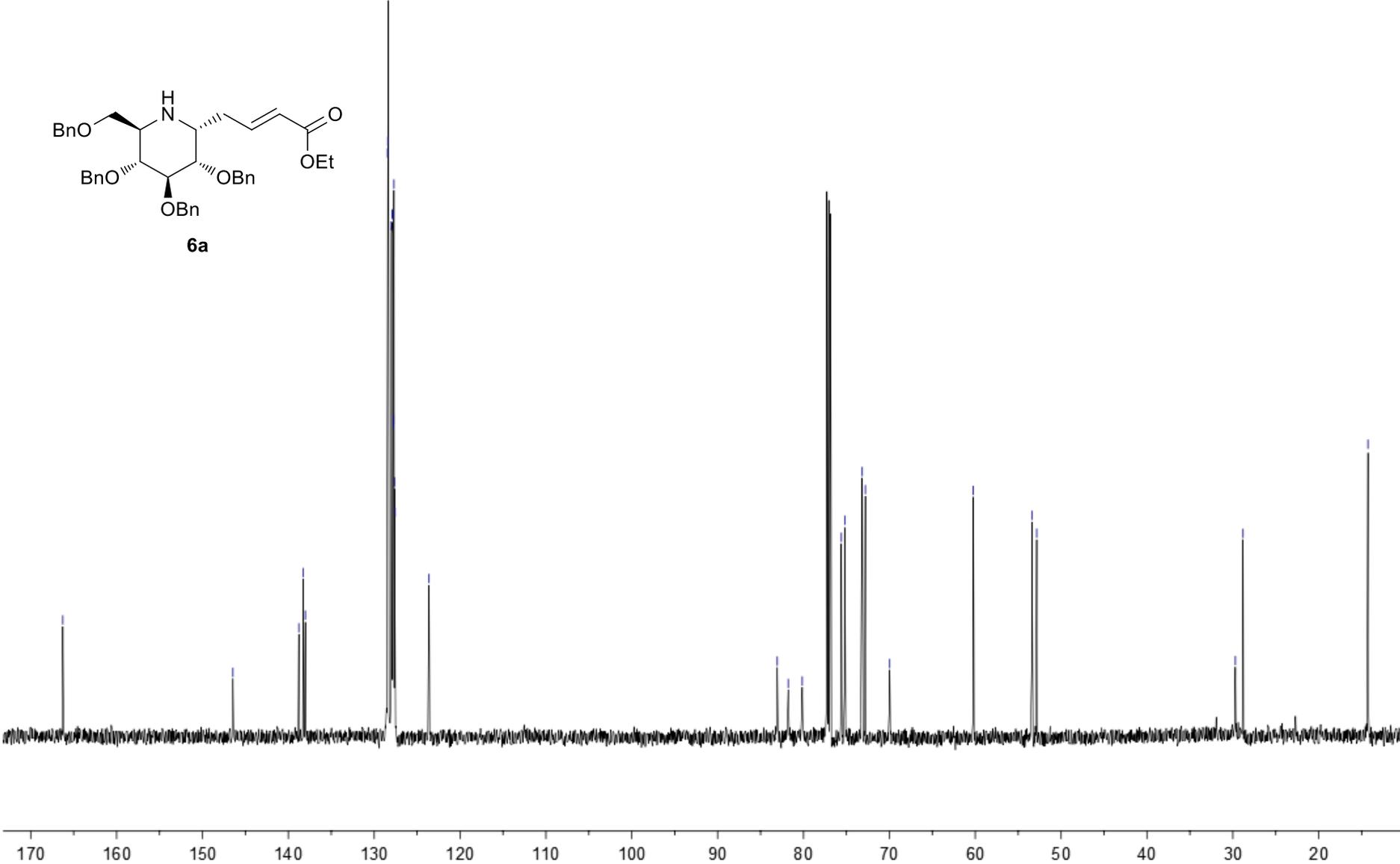
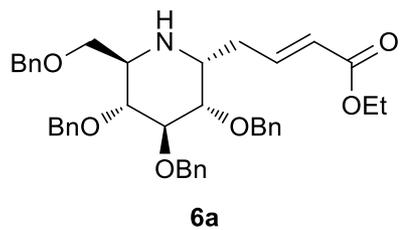
53.40

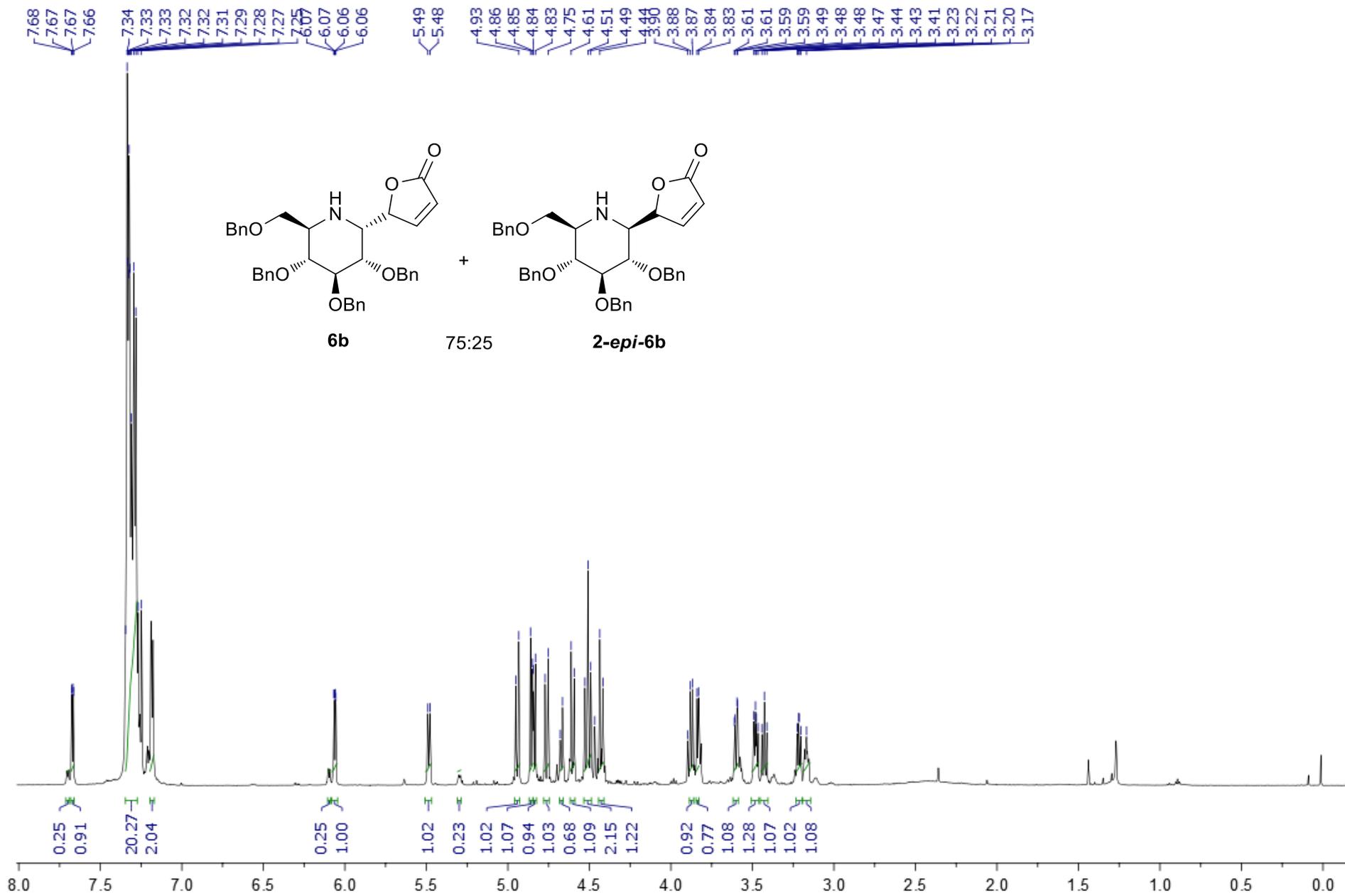
52.84

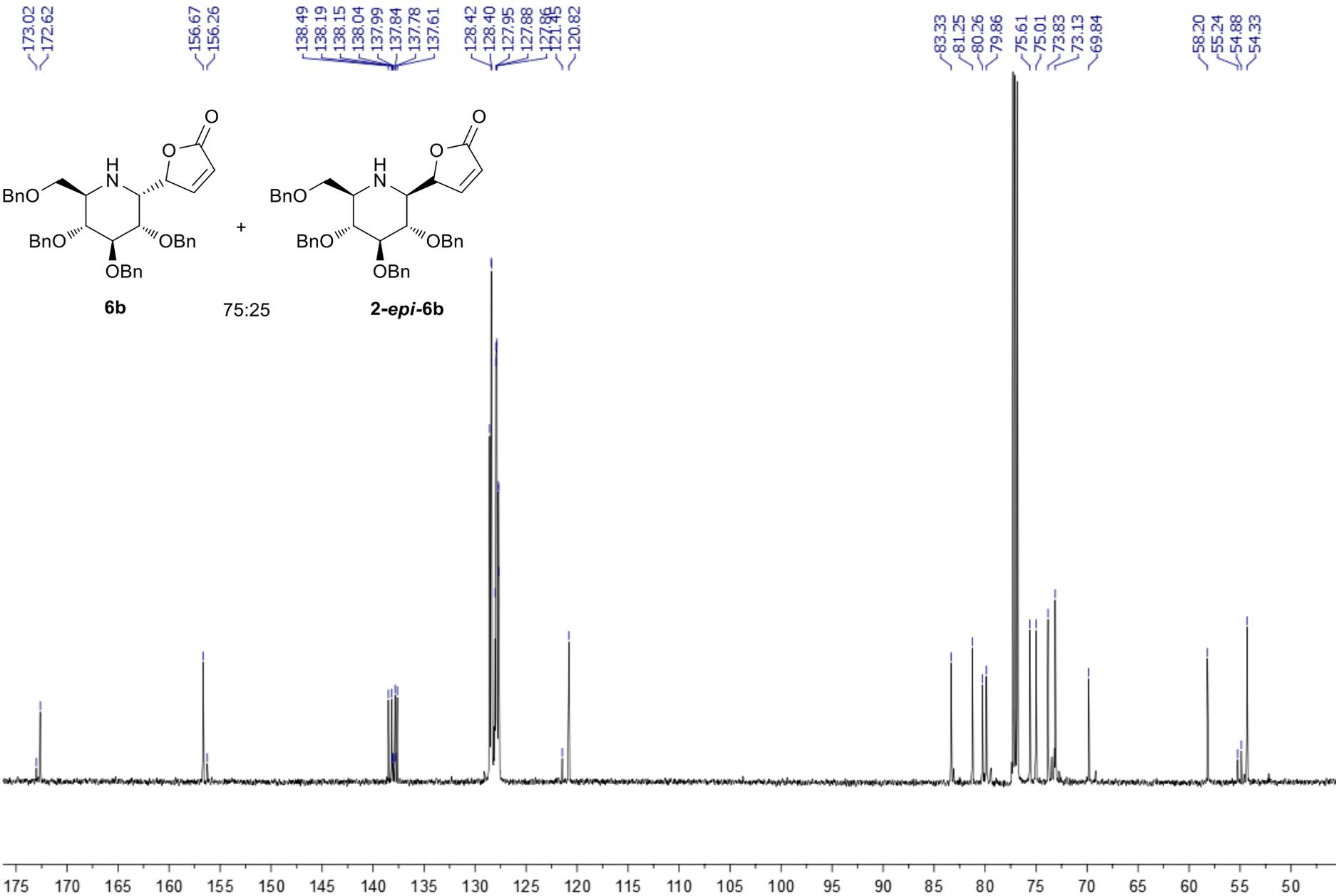
29.70

28.81

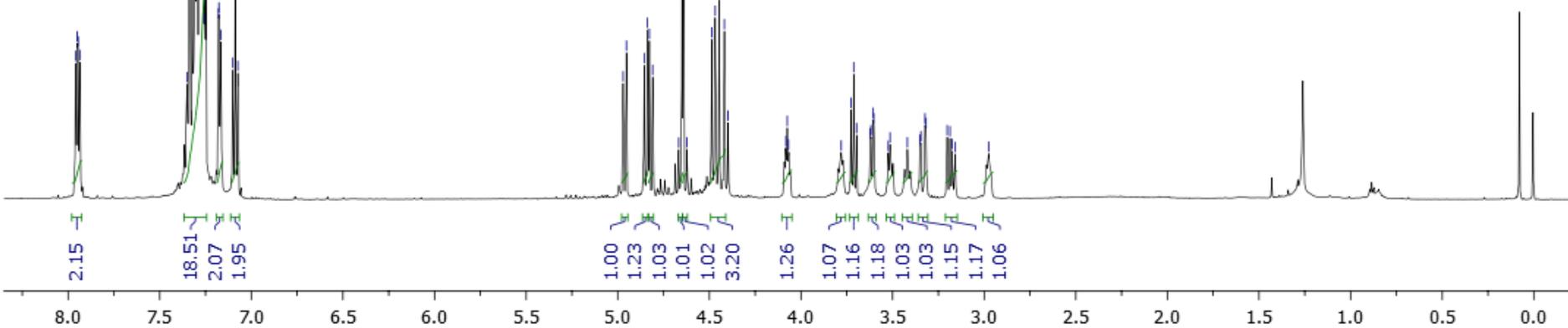
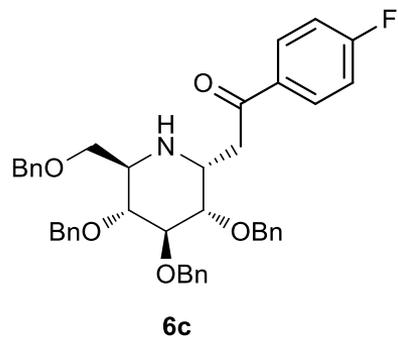
14.26







7.96  
7.95  
7.94  
7.94  
7.34  
7.34  
7.32  
7.31  
7.31  
7.30  
7.30  
7.29  
7.29  
7.27  
7.27  
7.25  
7.25  
7.09  
4.97  
4.95  
4.86  
4.84  
4.83  
4.81  
4.65  
4.64  
4.62  
4.49  
4.47  
4.45  
4.42  
4.40  
4.08  
4.07  
3.98  
3.73  
3.71  
3.70  
3.62  
3.62  
3.61  
3.60  
3.52  
3.51  
3.42  
3.35  
3.35  
3.32  
3.32  
3.20  
3.19  
3.17  
3.16  
2.98



—197.63

—166.59  
—164.90

—138.74  
—138.18  
—138.07  
—137.94

—128.41  
—128.37  
—128.34  
—128.02  
—127.84  
—127.77  
—115.71  
—115.56

—75.56  
—75.26  
—73.19  
—72.85

—53.49  
—50.57

—34.51

