*Supplementary Spectra*


# Total Synthesis and Stereochemical Assignment of Nostosin B

# NMR spectra of compound 6 (Bruker 500 MHz, CDCl₃)
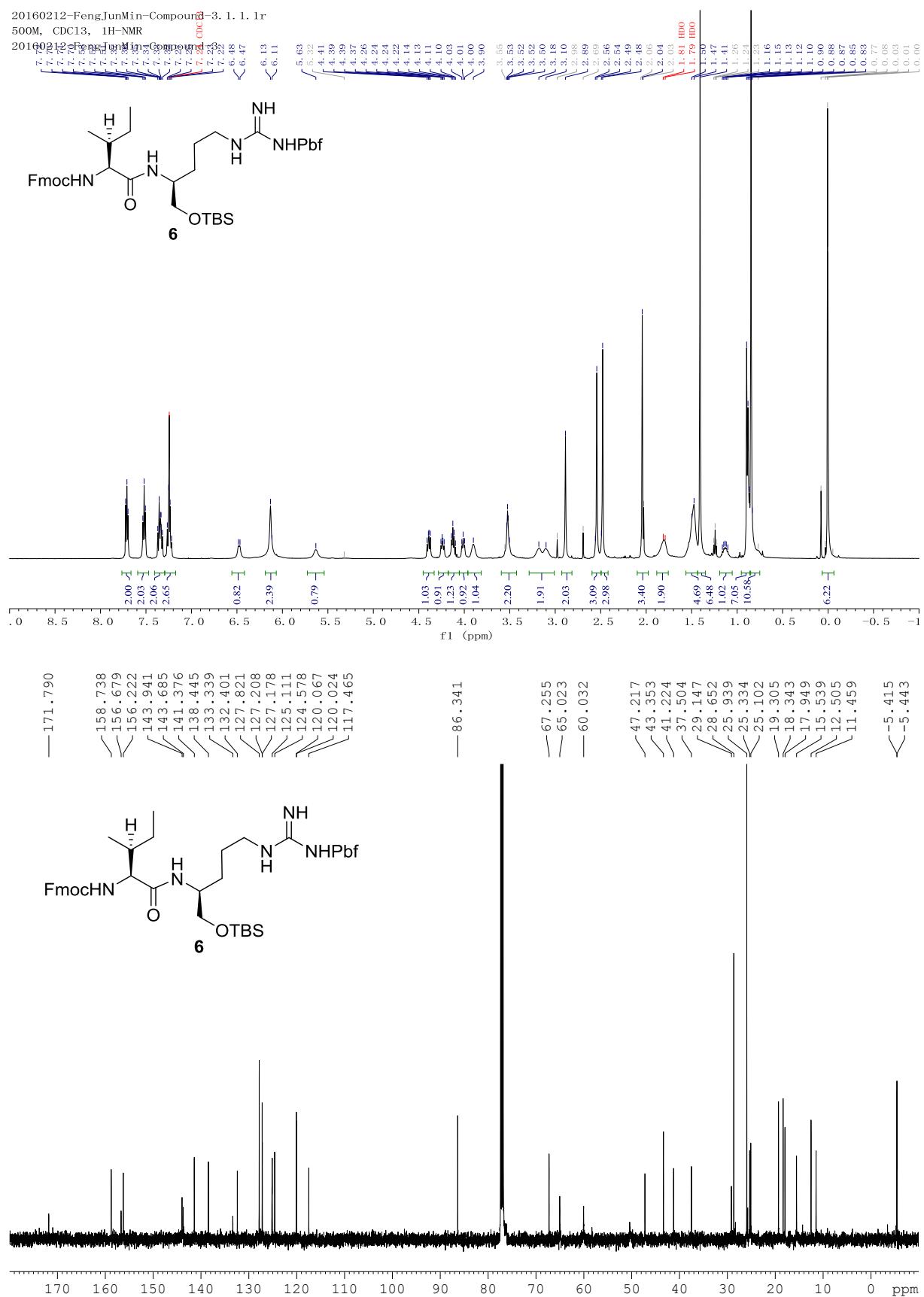
NMR spectra of compound 16 (Bruker 500 MHz, CDCl₃)
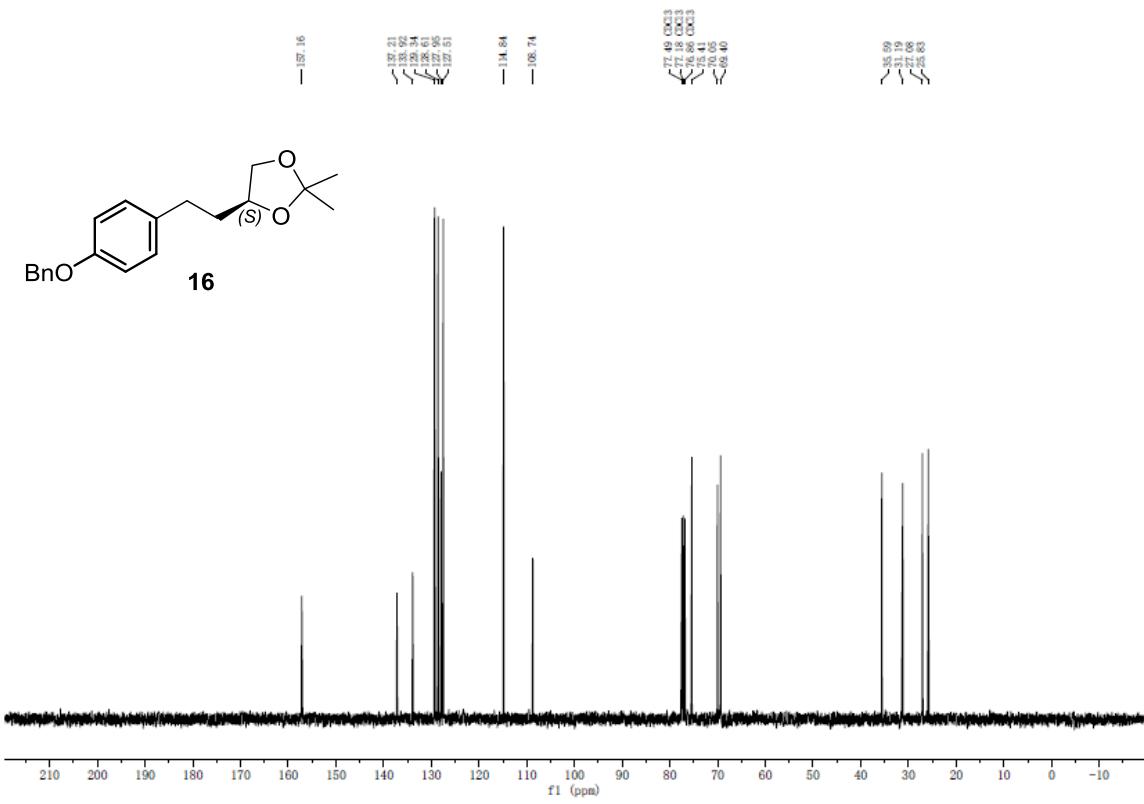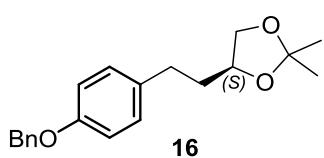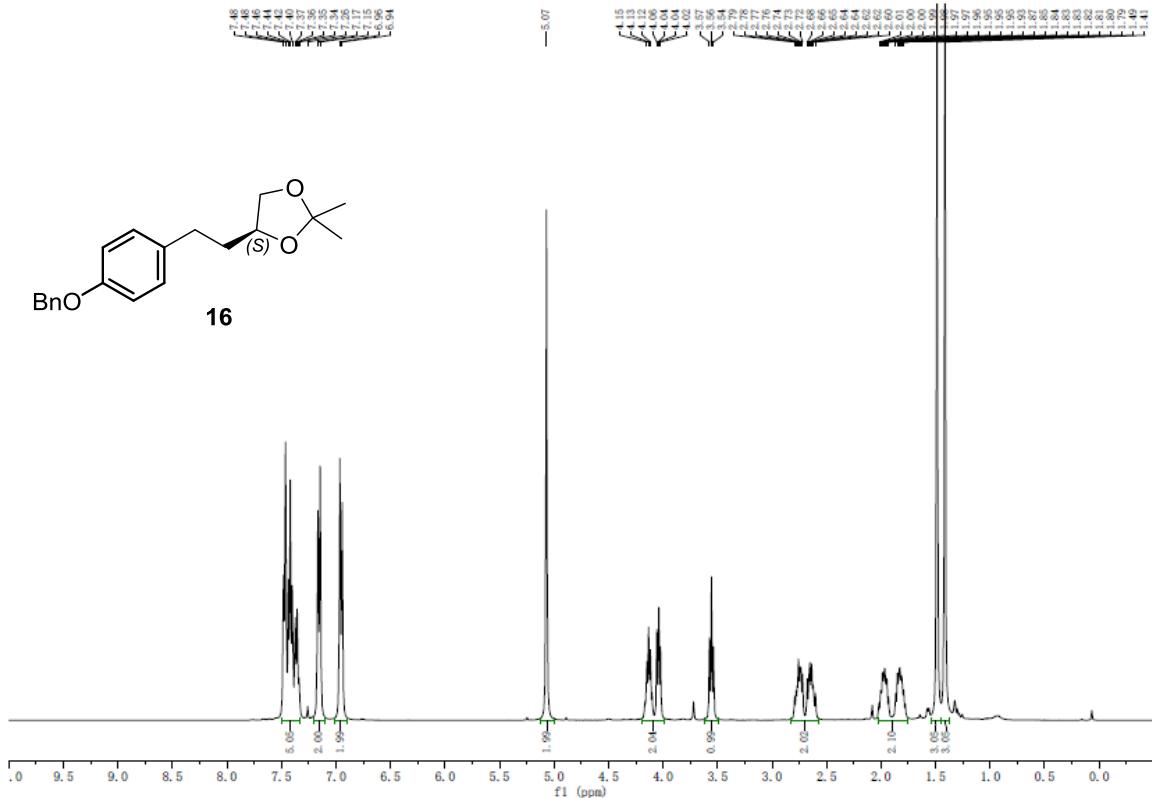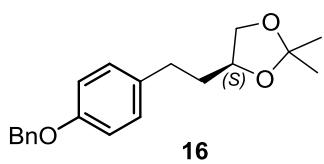
NMR spectra of compound S1 (Bruker 500 MHz, CDCl₃)
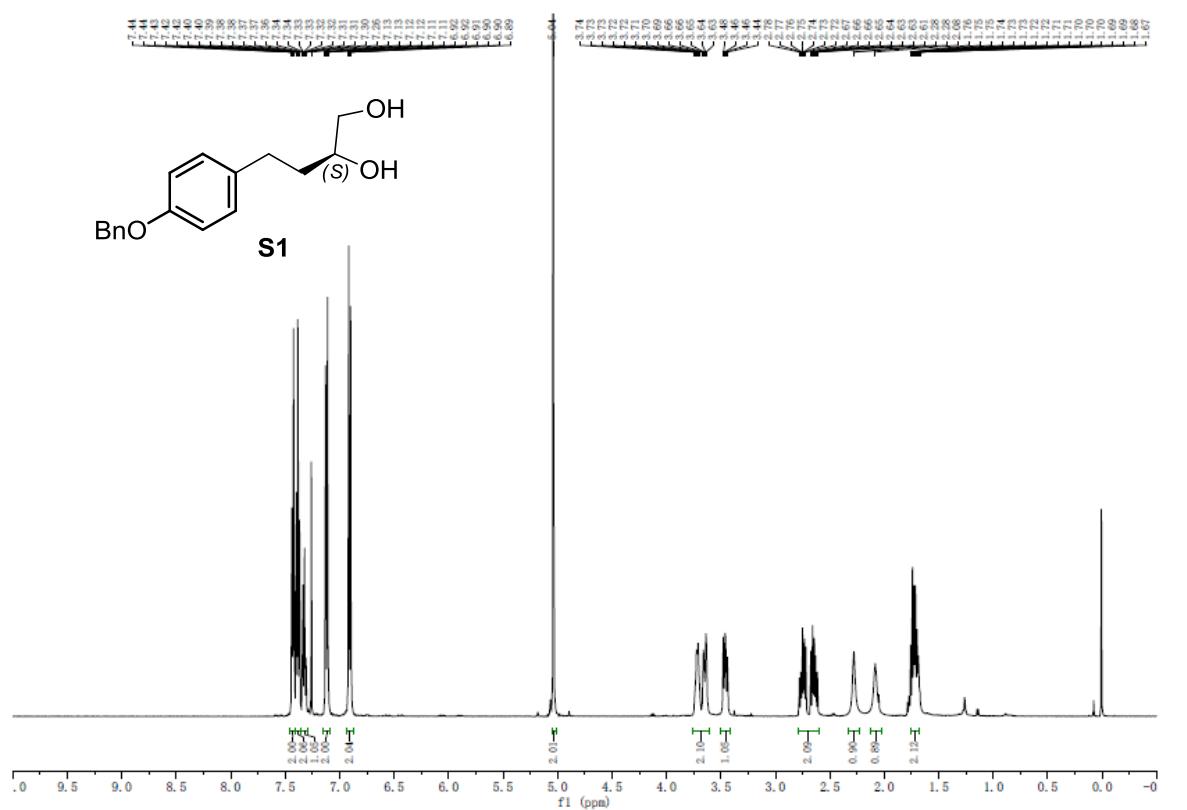
jimi-3-462-1.2.5.1.1r
jimi-3-462-1
500MHz
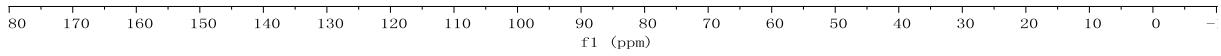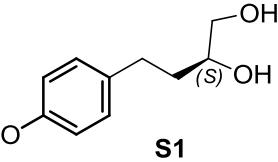
**NMR spectra of compound 17 (Bruker 500 MHz, CDCl₃)**
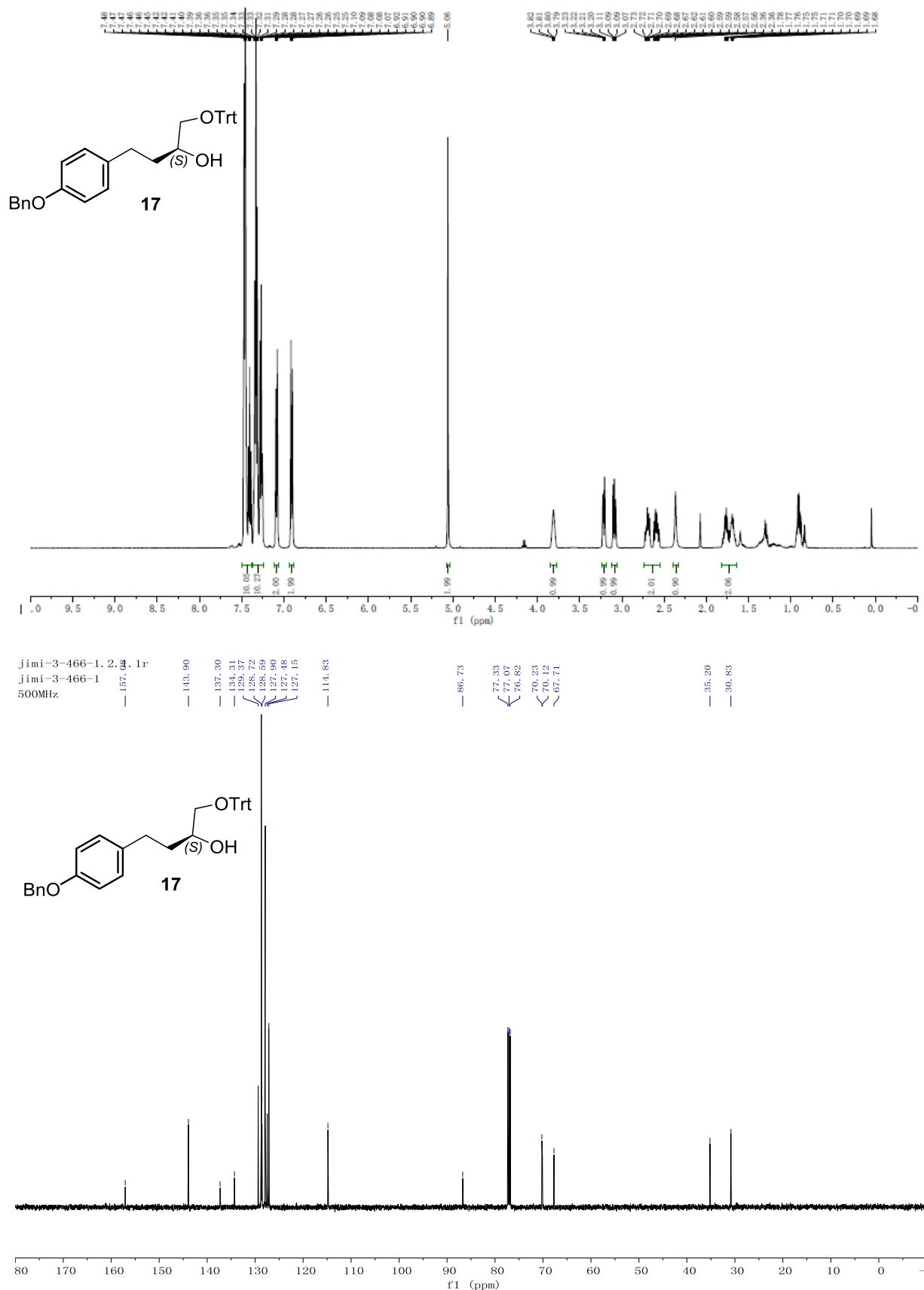
NMR spectra of compound S2 (Bruker 400 MHz, CDCl₃)
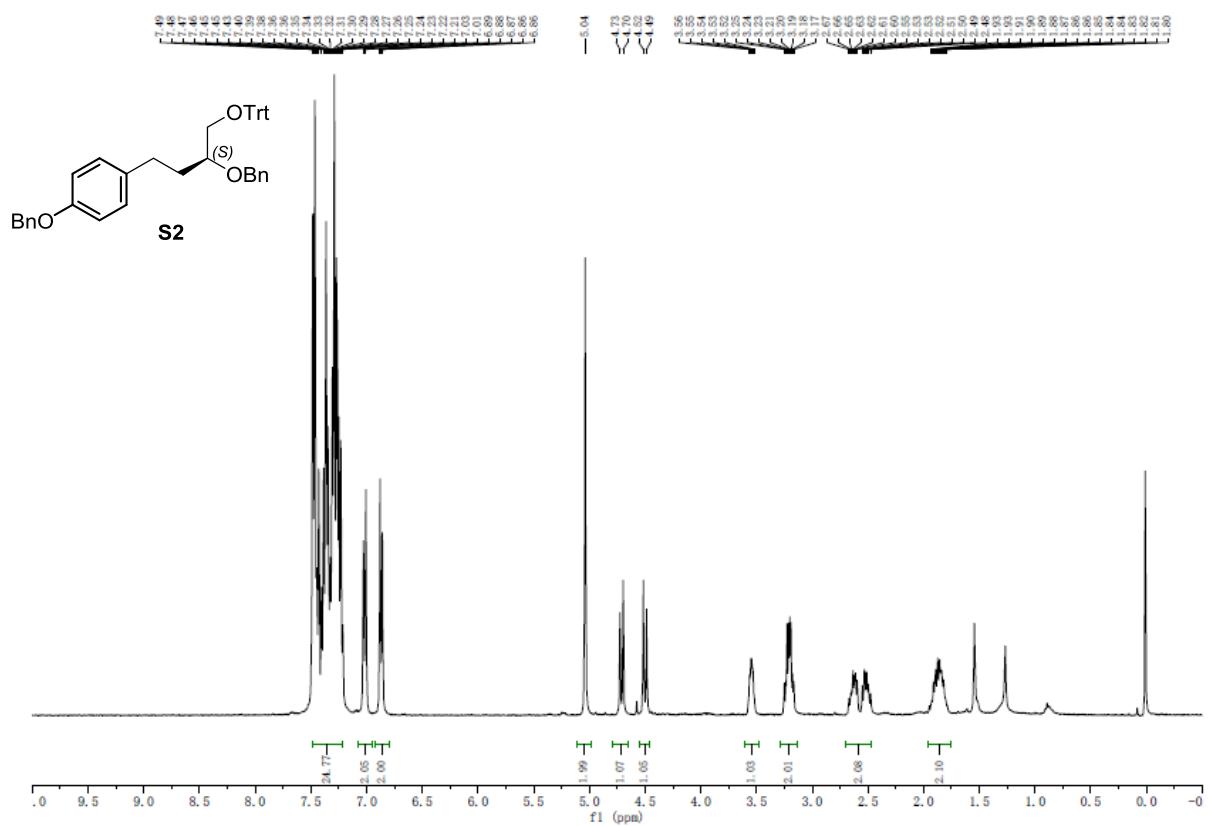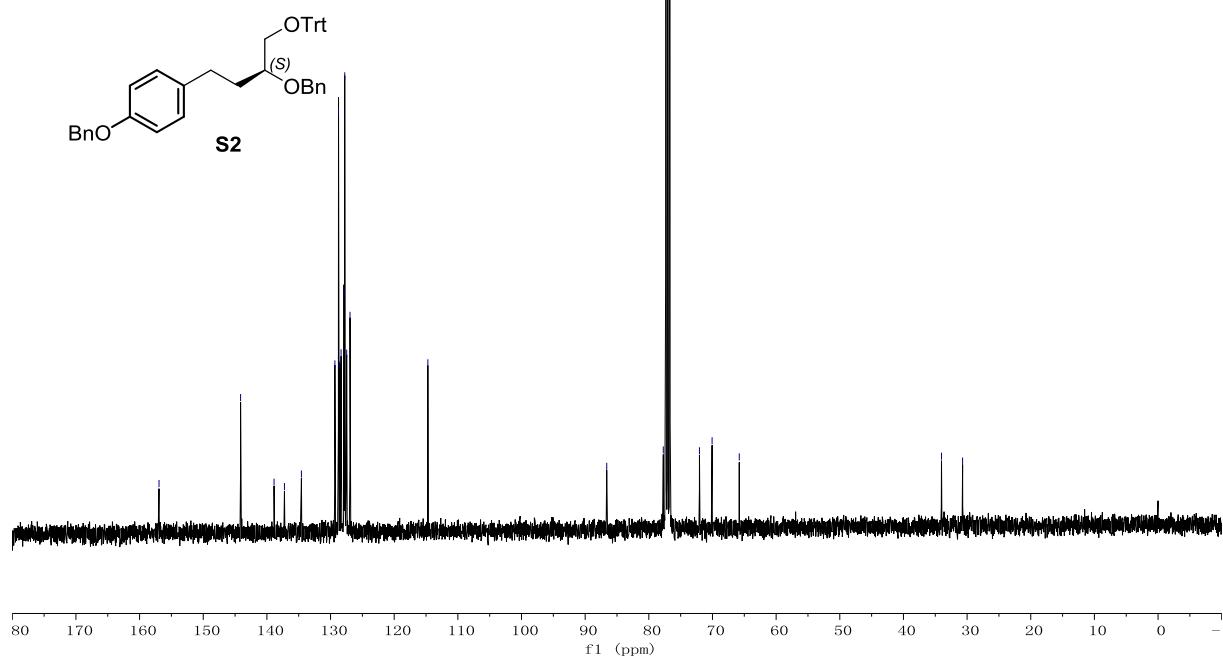
NMR spectra of compound 18 (Bruker 400 MHz, CDCl₃)
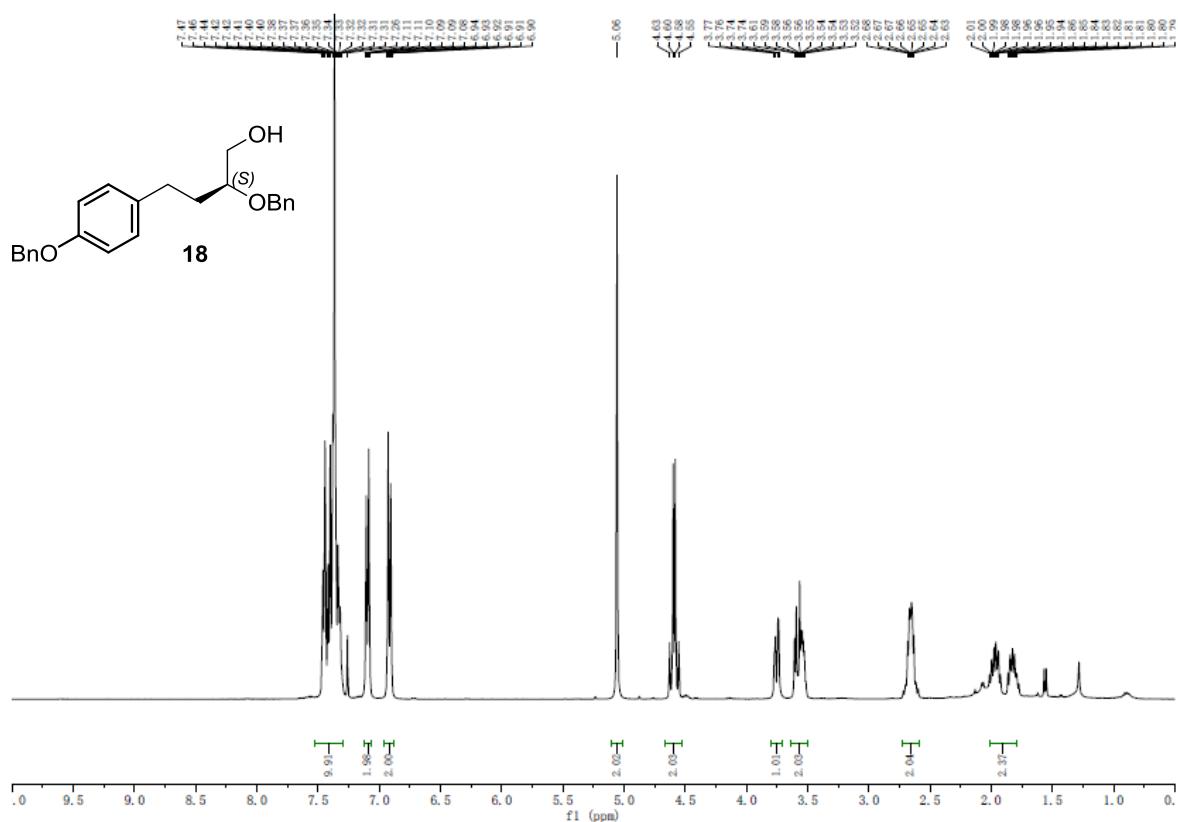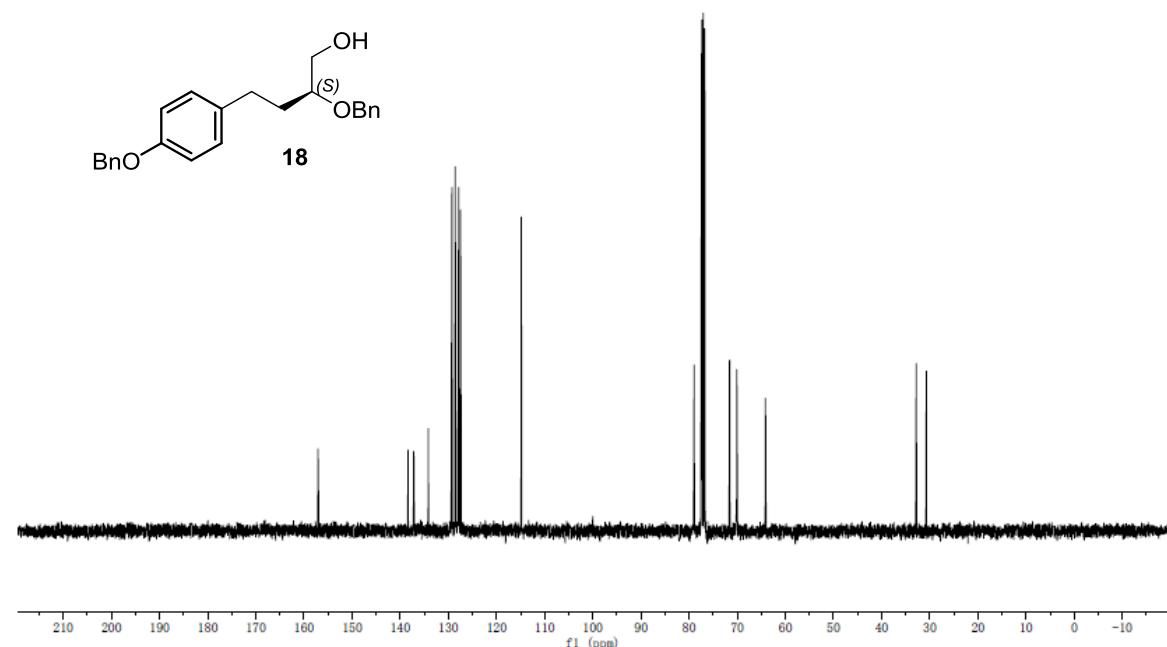
NMR spectra of compound *S*-2 (Bruker 500 MHz, CDCl₃)
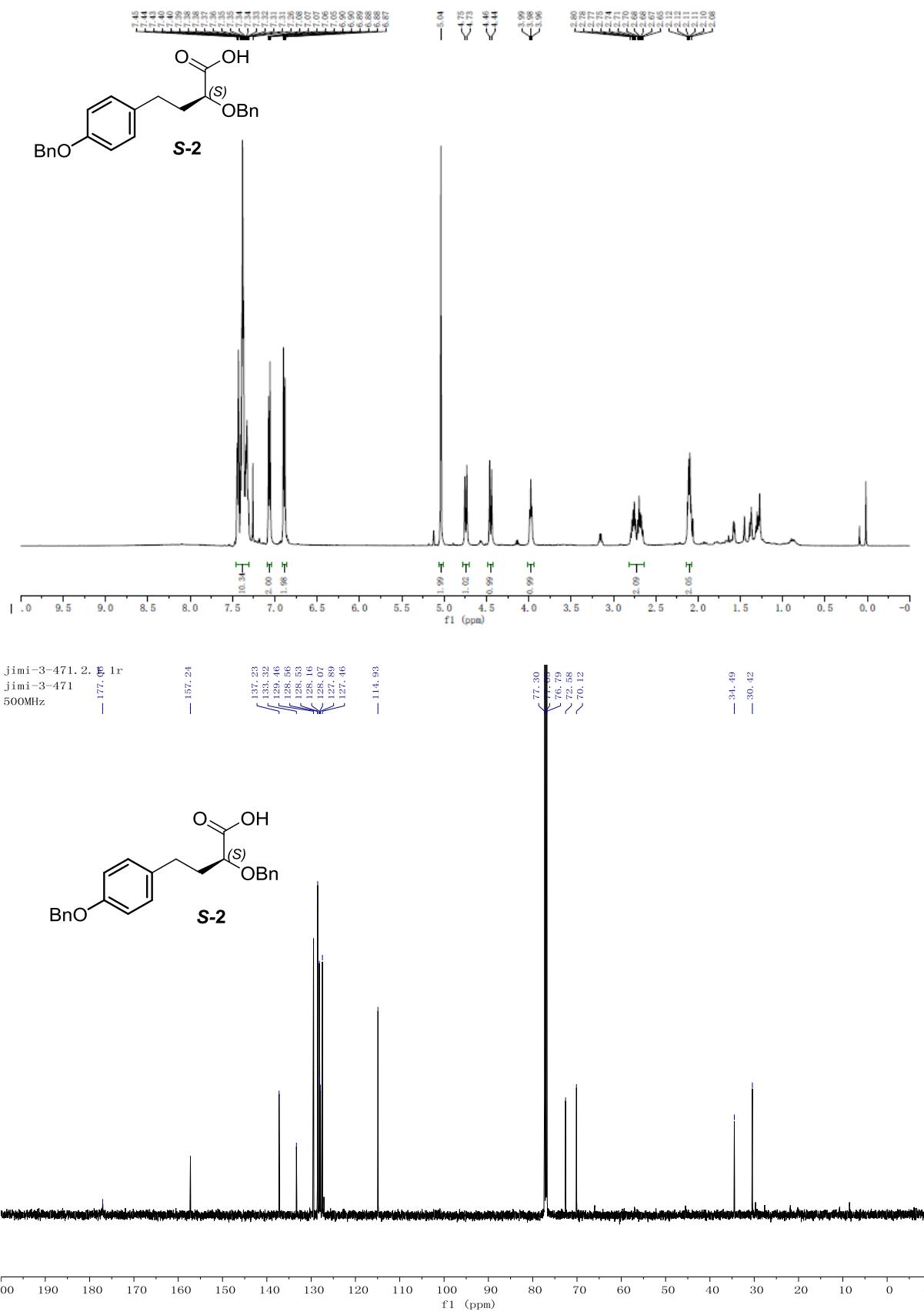
NMR spectra of compound S3 (Bruker 500 MHz, CDCl₃)

jimi-4-485.2.1.1r
jimi-4-485
500MHz
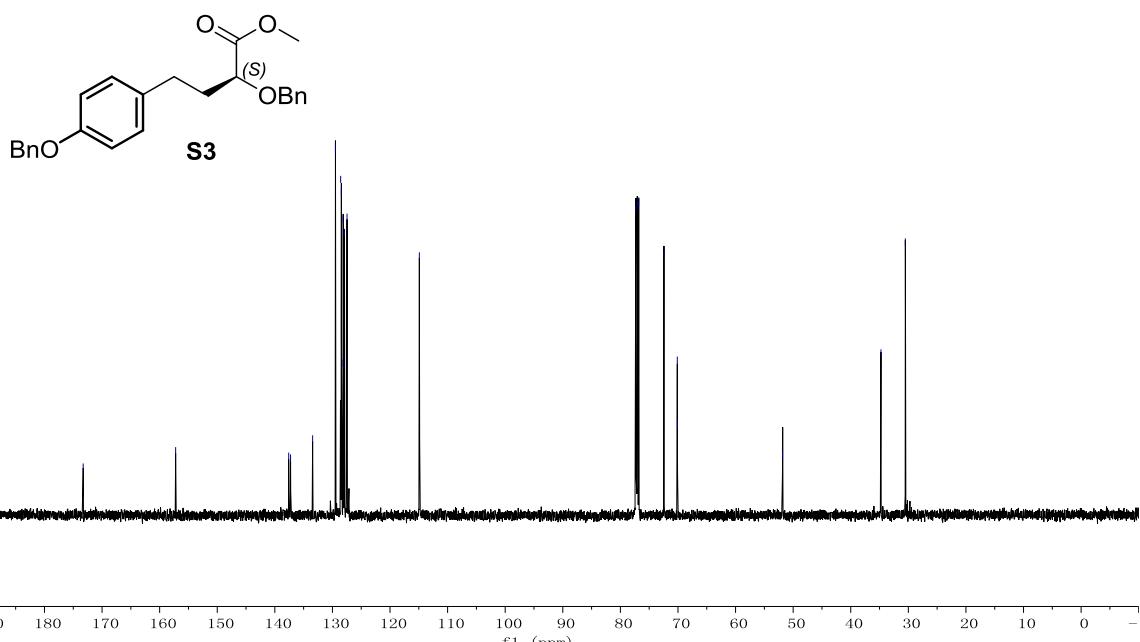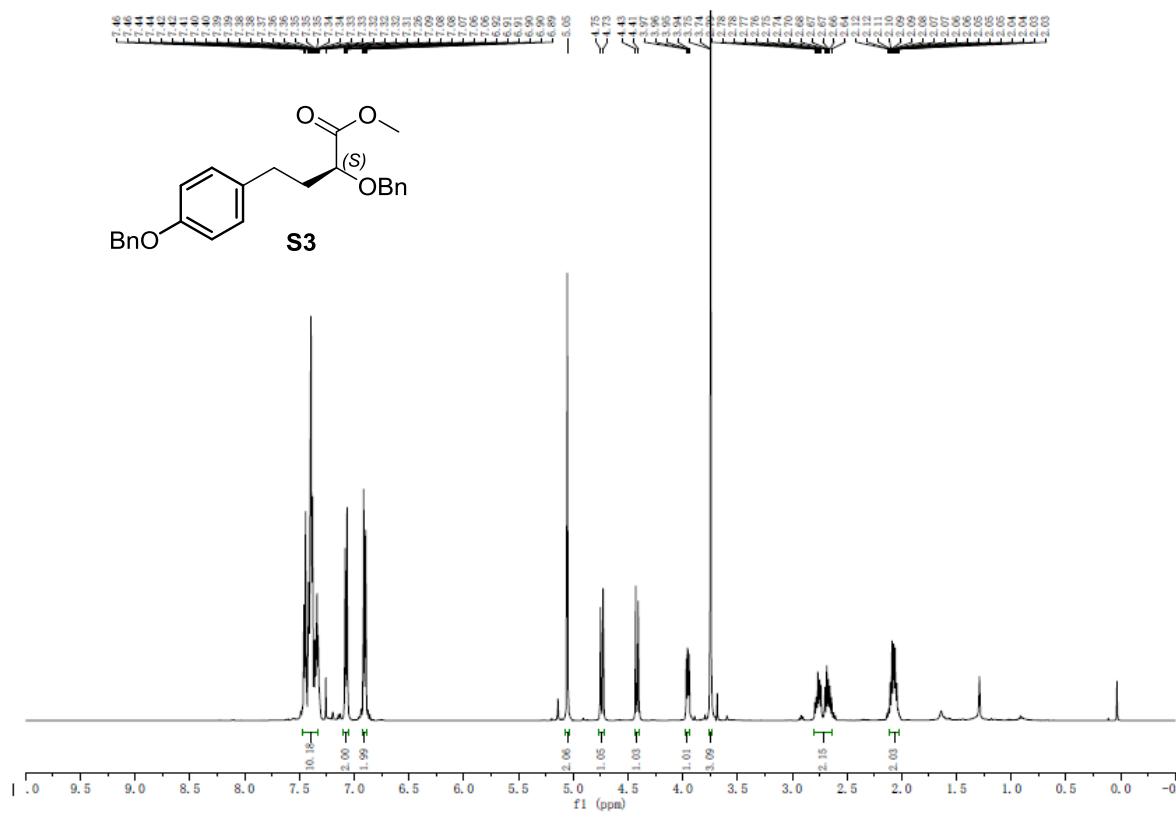
# NMR spectra of compound S4 (Bruker 300 MHz, CDCl₃)
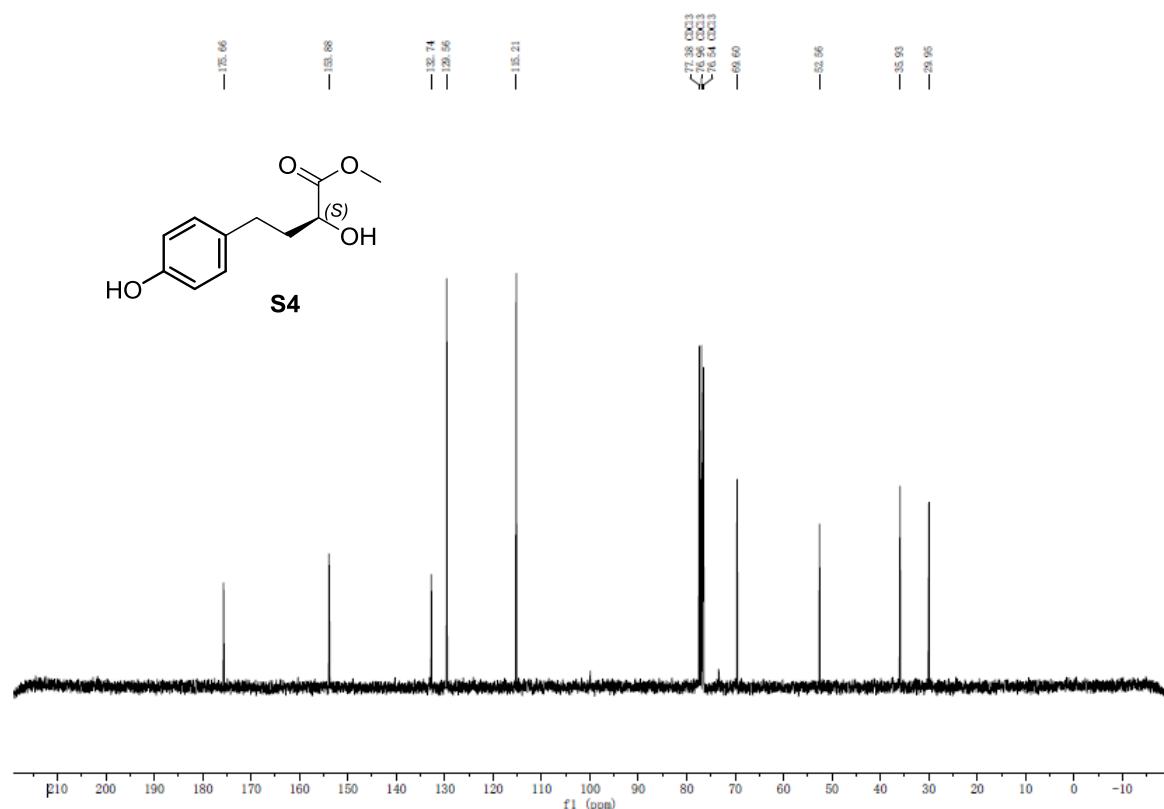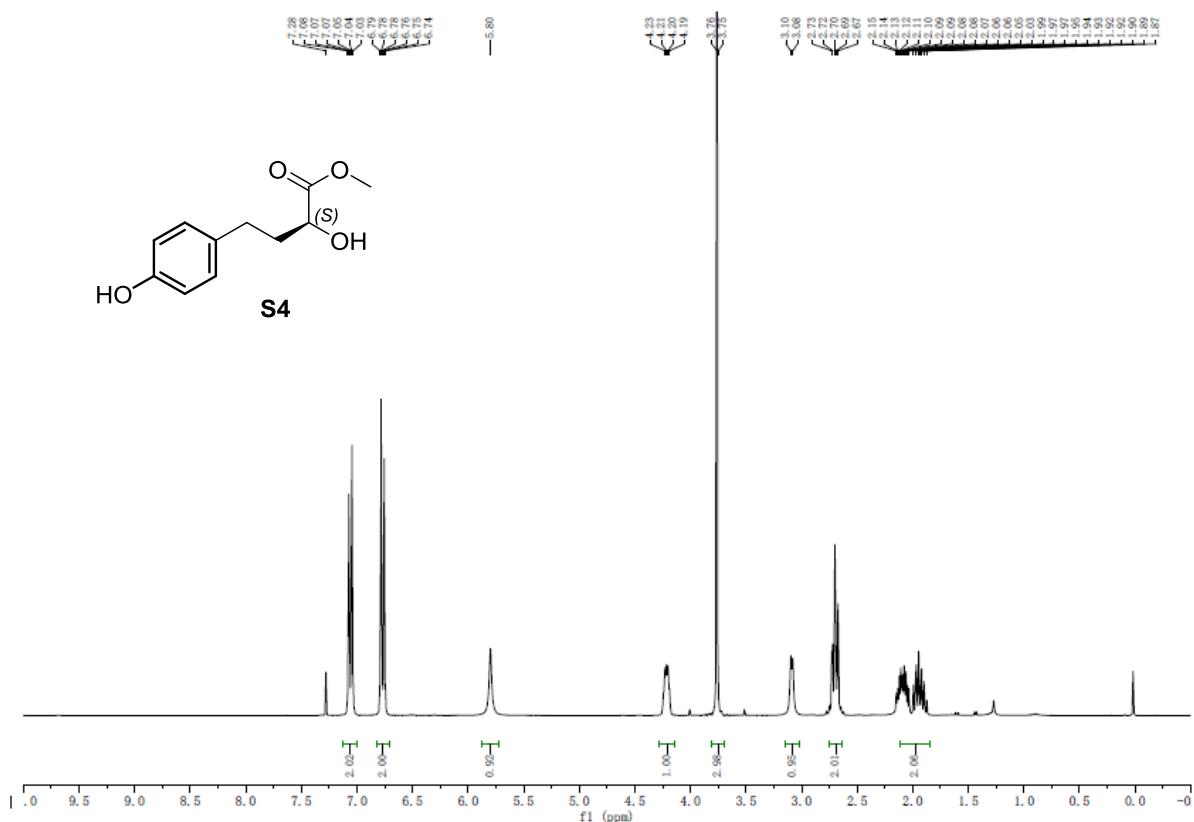
# NMR spectra of compound 19 (Bruker 300 MHz, CDCl₃)
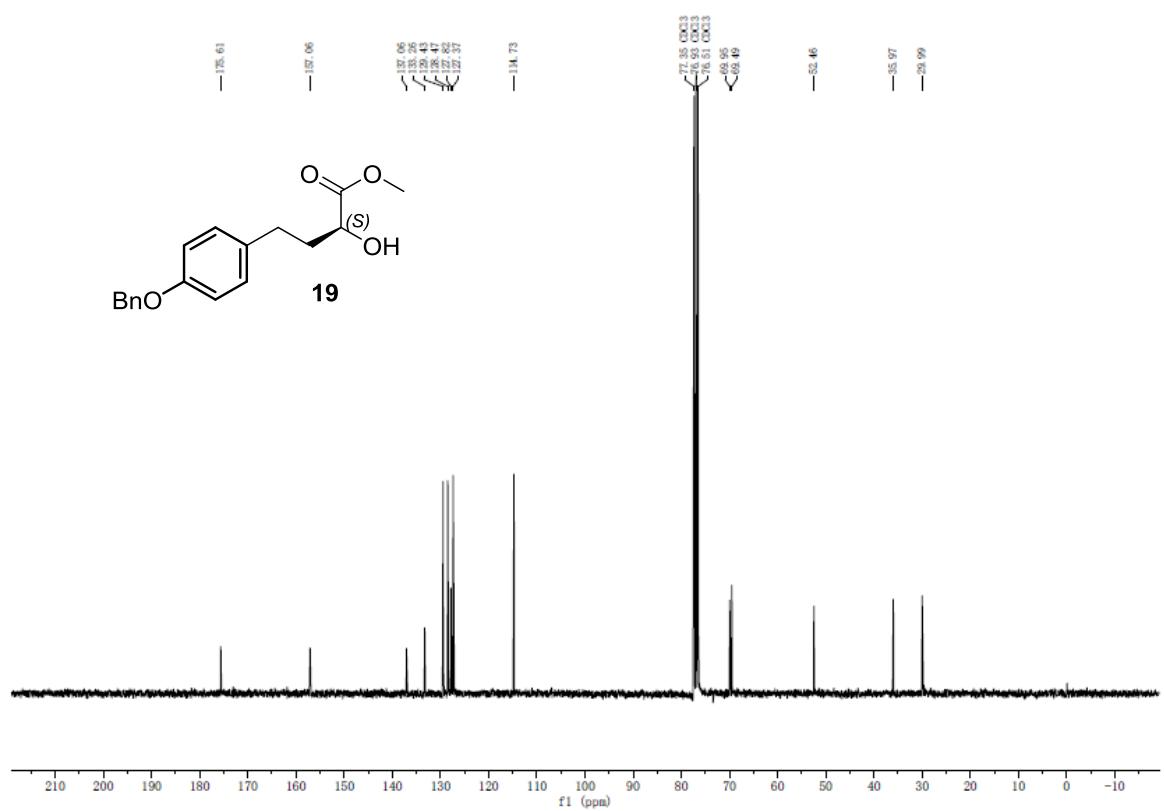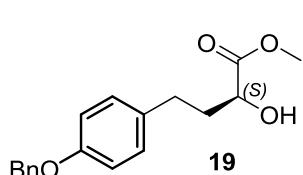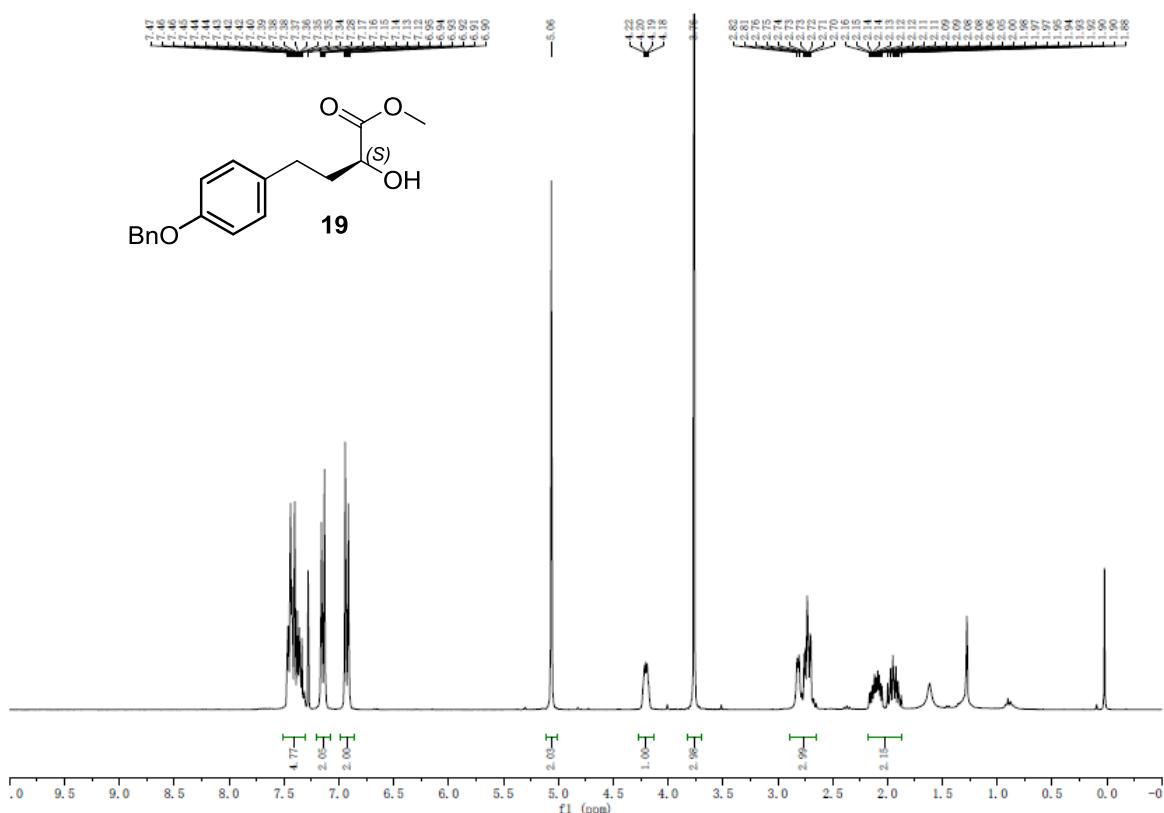
NMR spectra of compound 20 (Bruker 300 MHz, CDCl₃)
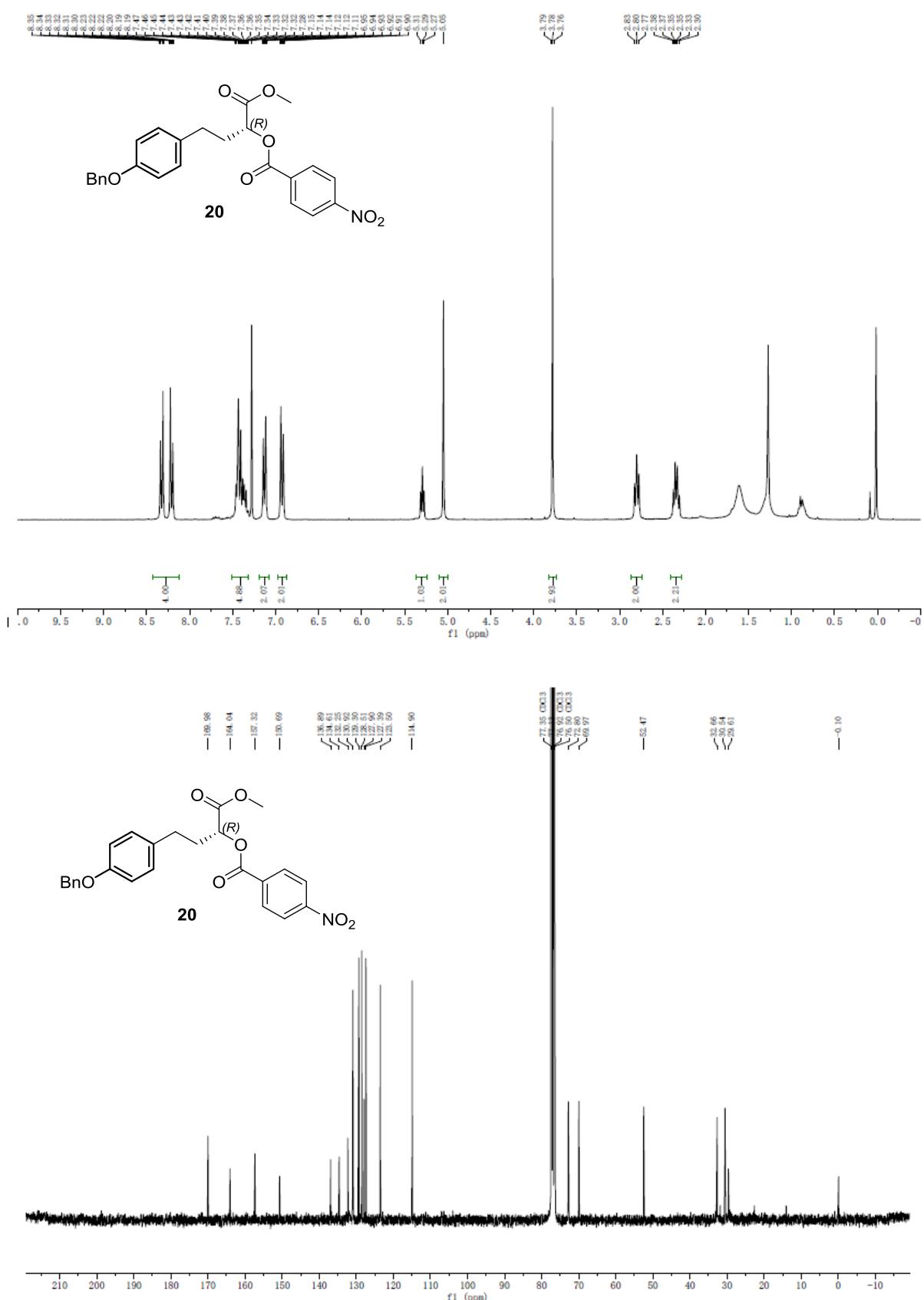
NMR spectra of compound 22 (Bruker 500 MHz, CDCl₃)
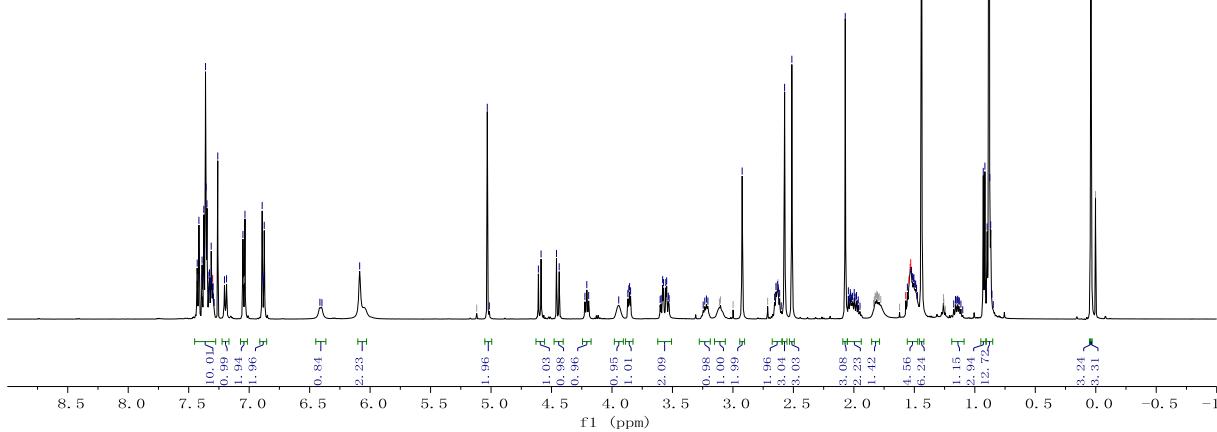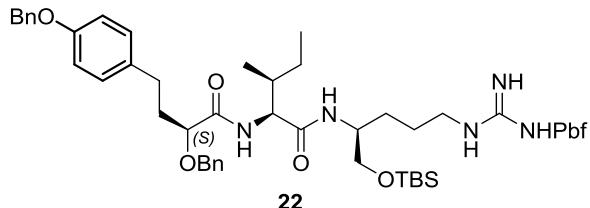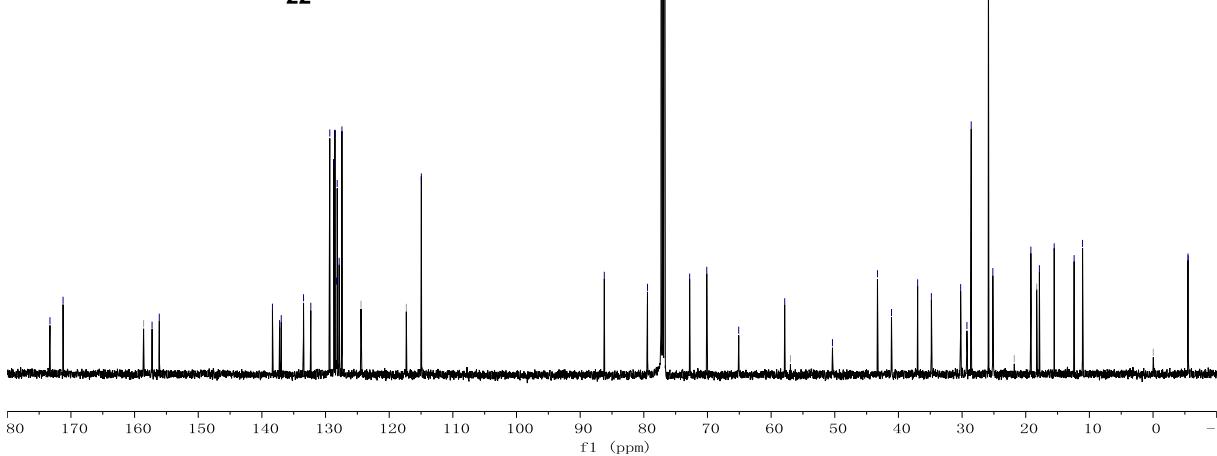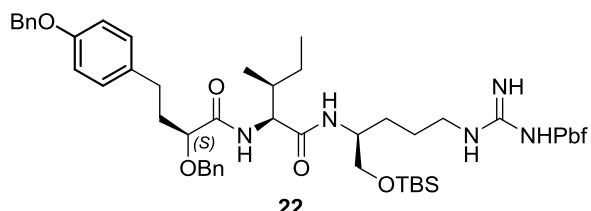
NMR spectra of compound Nostosin B 1a (Bruker 400 MHz, DMSO-d₆)

Nostosin B **1a**

CH₃COCH₂CH₃

CH₃COCH₂CH₃

CH₃COCH₂CH₃
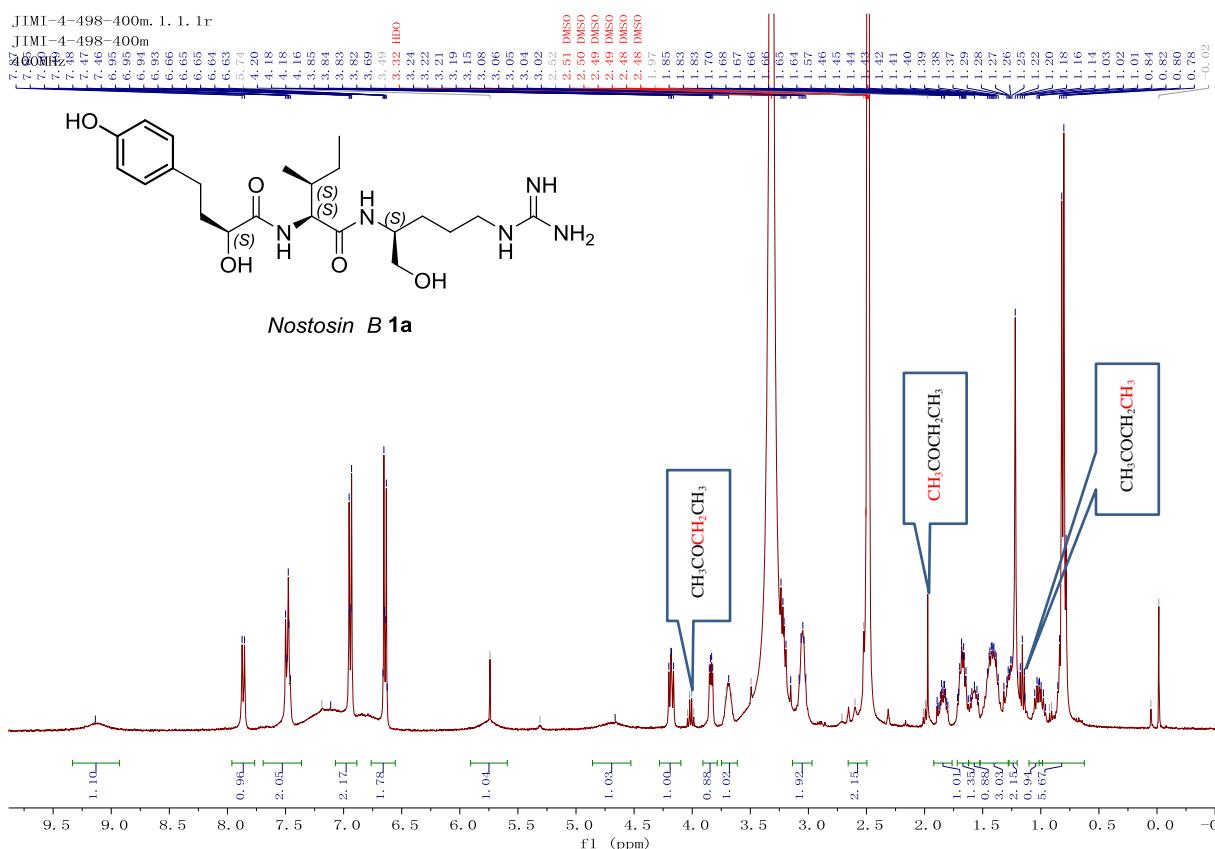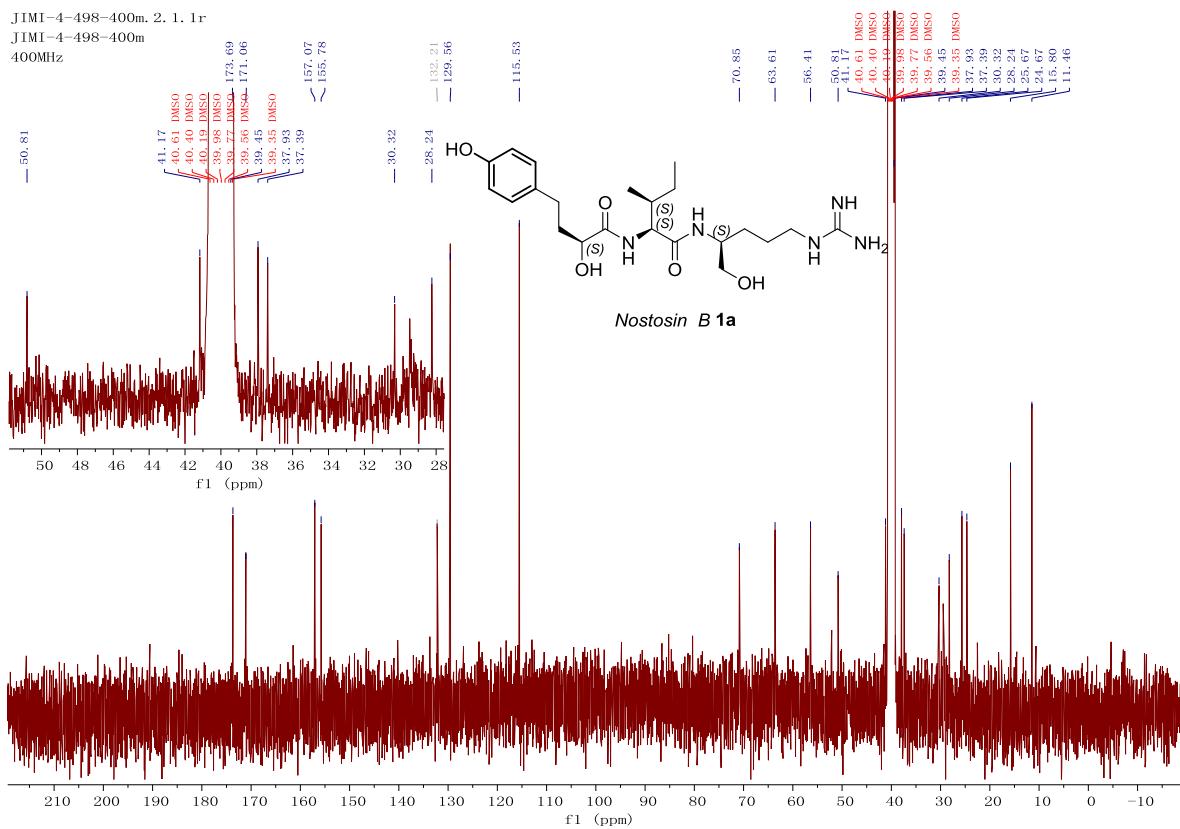
Nostosin B **1a**

NMR spectra of compound 23 (Bruker 500 MHz, CDCl₃)
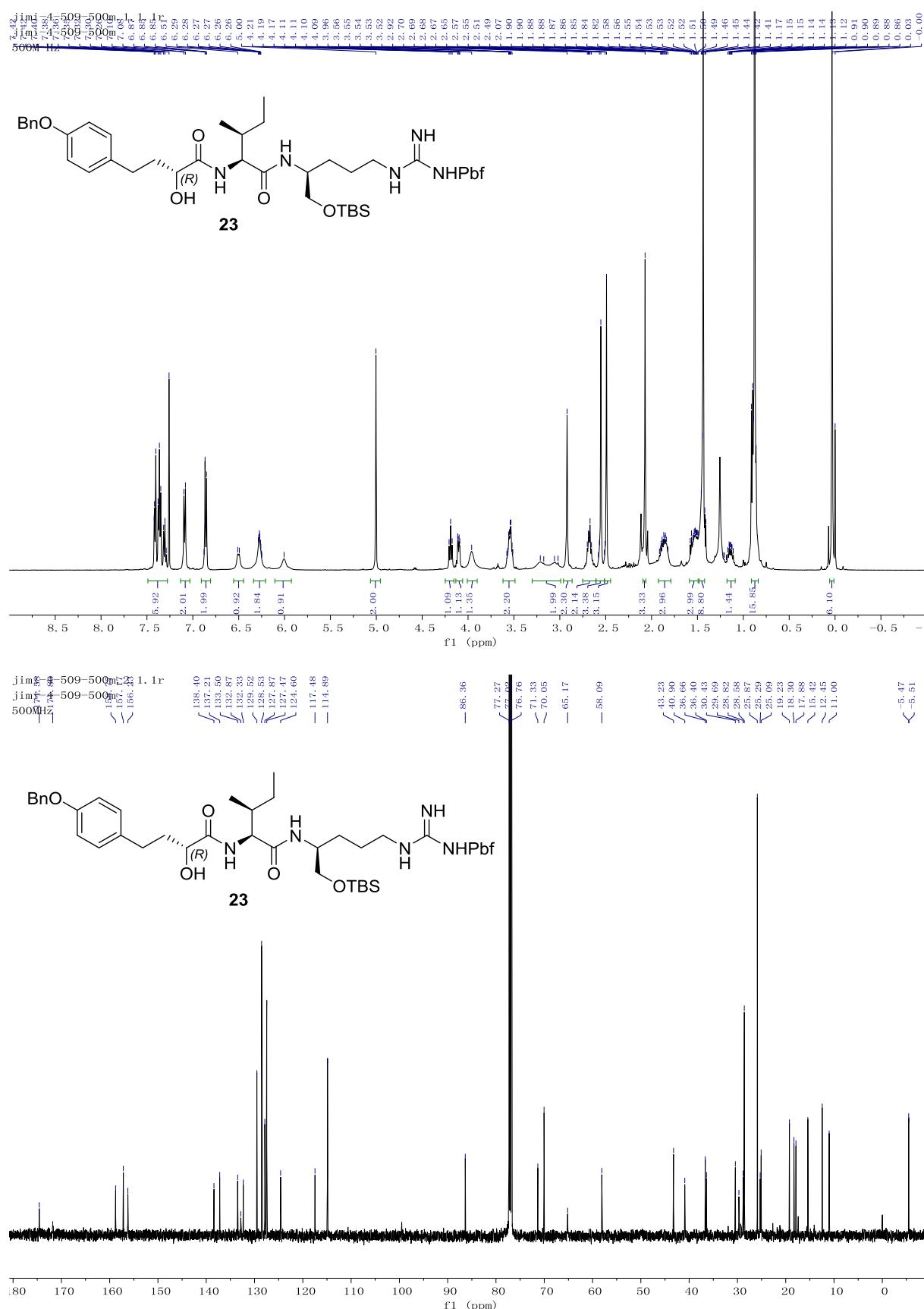
NMR spectra of compound Nostosin B 1b (Bruker 500 MHz, DMSO-d$_6$)

Nostosin B **1b**

Nostosin B **1b**