**N-(tert-Butyloxycarbonyl)-L-leucine-\(N'\)-methoxy-\(N'\)-methylamide (6)**

![N-(tert-Butyloxycarbonyl)-L-leucine-\(N'\)-methoxy-\(N'\)-methylamide (6) NMR spectrum](image)
Benzyl propargyl ether (7)
(4S,5S)- and (4R,5S)-5-[(tert-butloxy carbonyl) amino]-1-benzyloxy-7-methyl-2-octyn-4-ol (8)
SpinWorks 3: hvr299apt

file: .../nmr/hvr299apt;10/fid  extpt: <j>mod>
transmitter freq.: 100.624087 MHz
time domain size: 65536 points
width: 24038.46 Hz = 238.8937 ppm = 0.366798 Hz/pt
number of scans: 500
(4S,5S)- and (4R,5S)-5-[(tert-Butyloxy carbonyl)amino]-7-methyloctane-1,4-diol (9)
(55,1'S)-5-[1'-(tert-Butyloxycarbonyl)amino]-3'-methylbutyl]-dihydrofuran-2(3H)-one (5)
(3R,5S,1'S)-5-[1'-(tert-Butyloxycarbonyl)amino]-3'-methylbutyl]-3-methyldihydrofuran-2(3H)-one (10)

SpinWorks 3: hvr138

(file: ..\ostere Synthesis\nmr\n\nhr138\10\fid  ext: <2g30>
transmitter freq.: 400.137471 MHz
time domain size: 65536 points
width: 8223.68 Hz = 20.5521 ppm = 0.125483 Hz/pt
number of scans: 16)