

Synthesis of fully protected, reverse *N*-prenylated (2*S*,3*R*)-3-hydroxytryptophan, a unique building block of the cyclomarins

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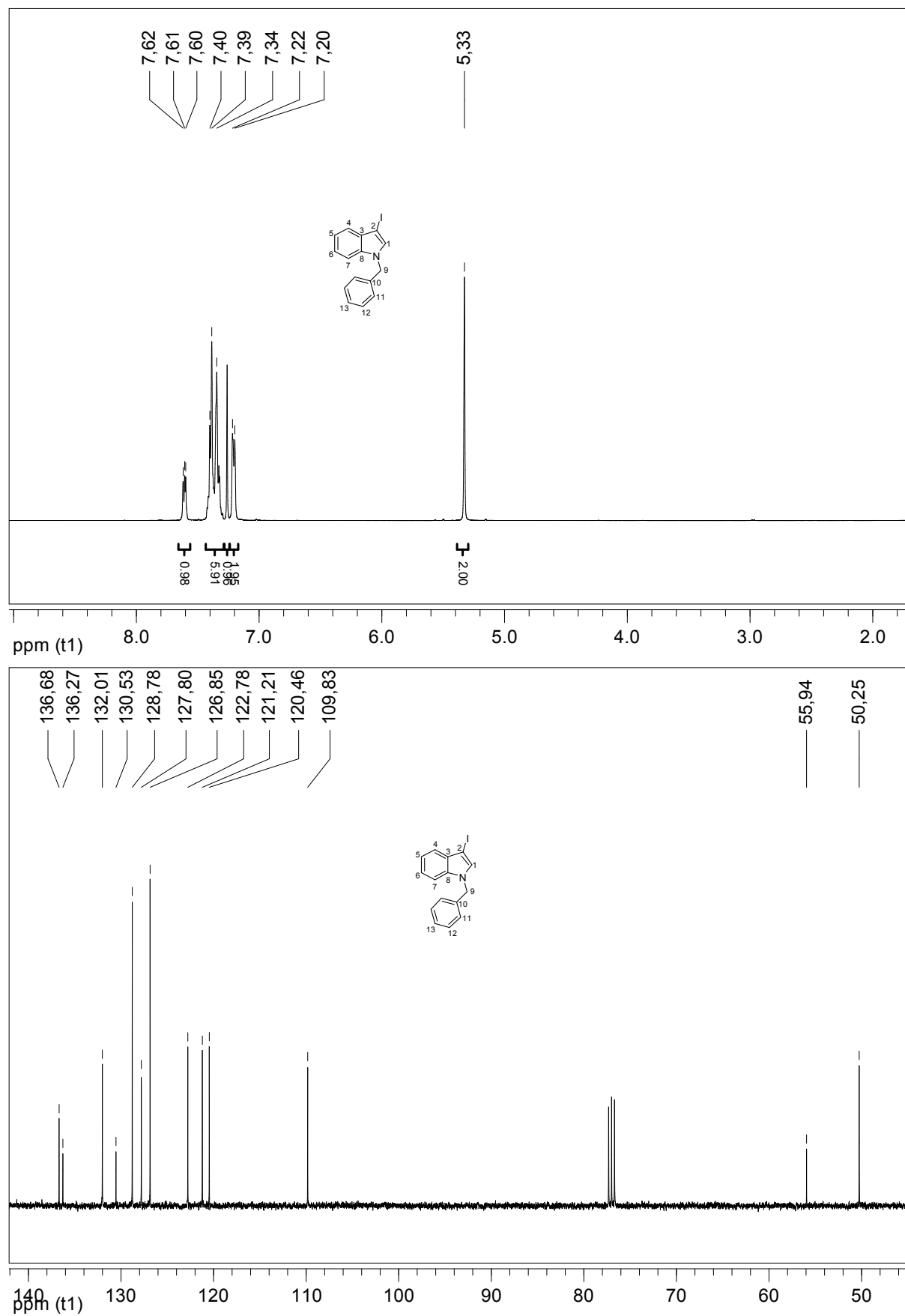
Supporting Information

Content

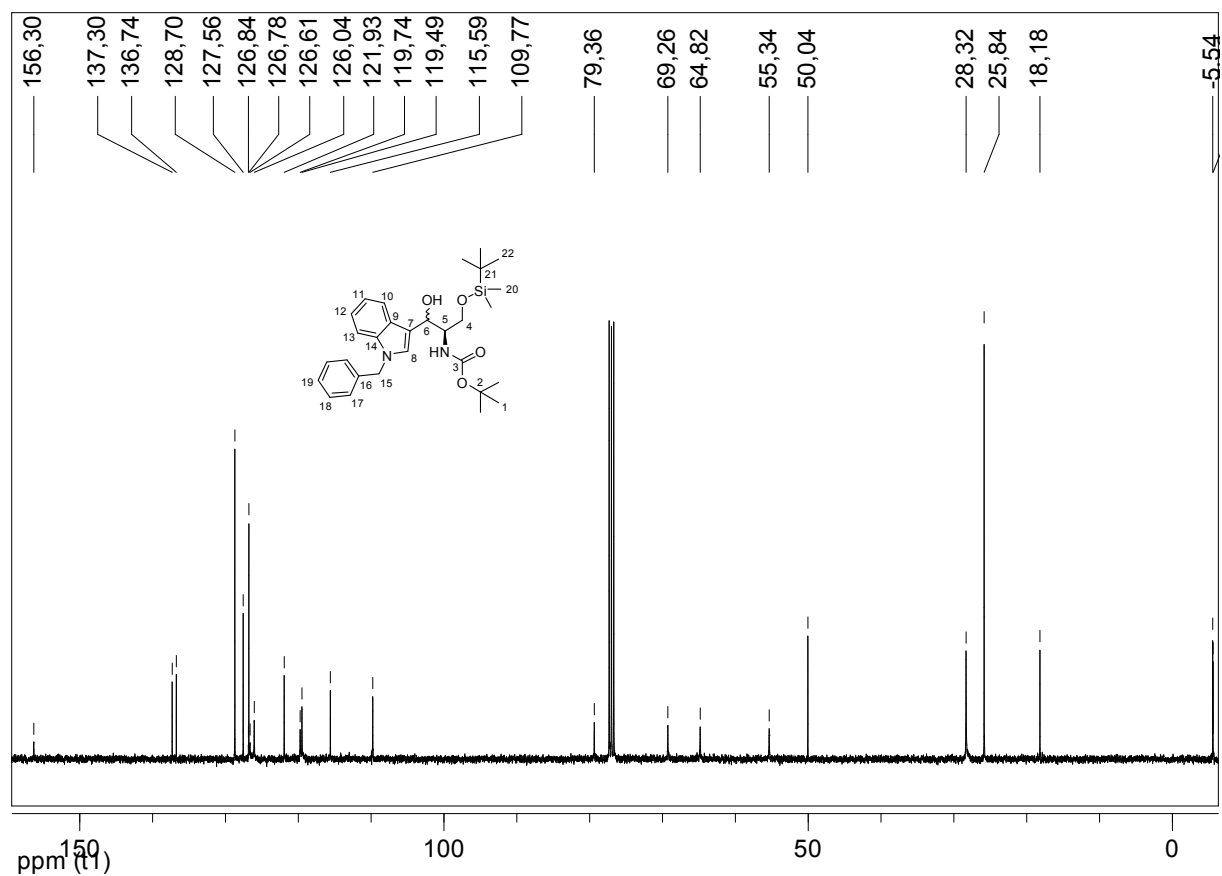
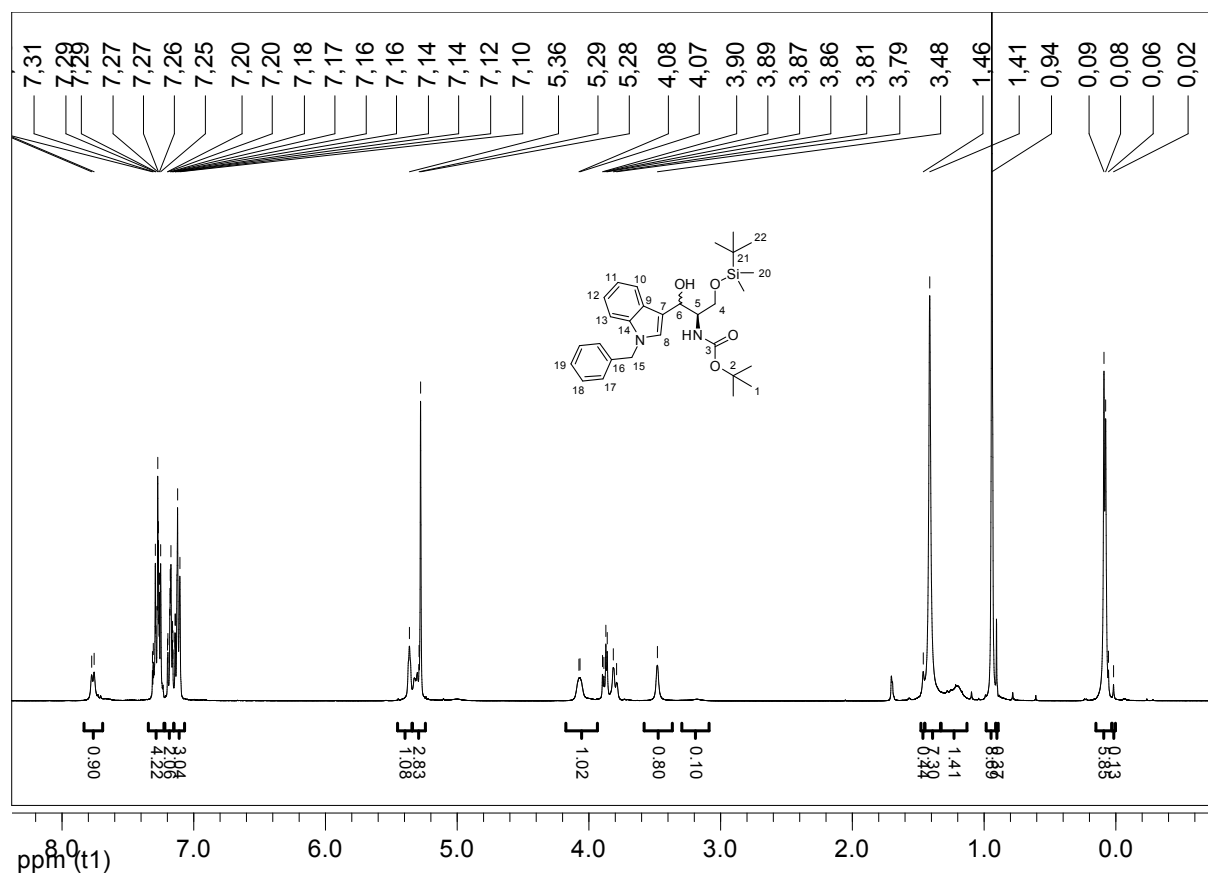
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Copies of the NMR-Spectra

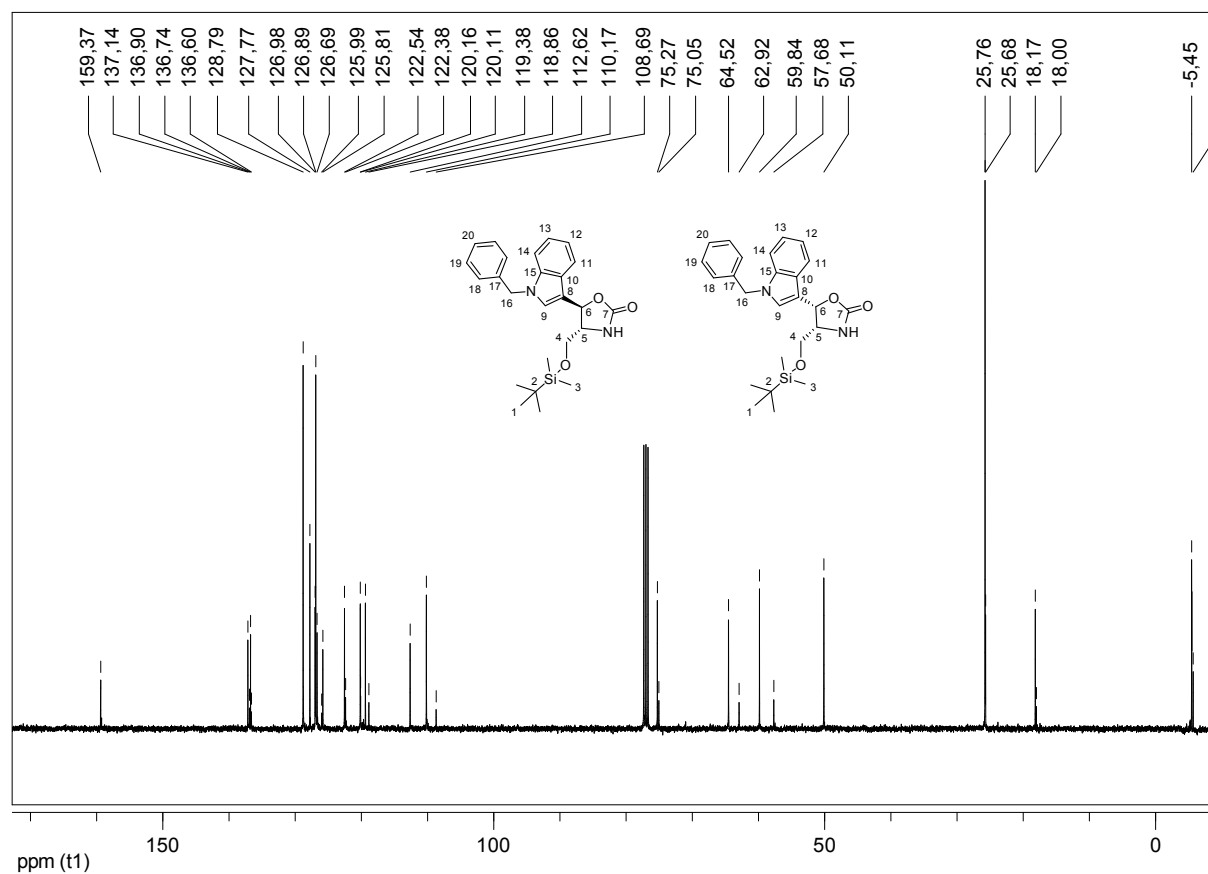
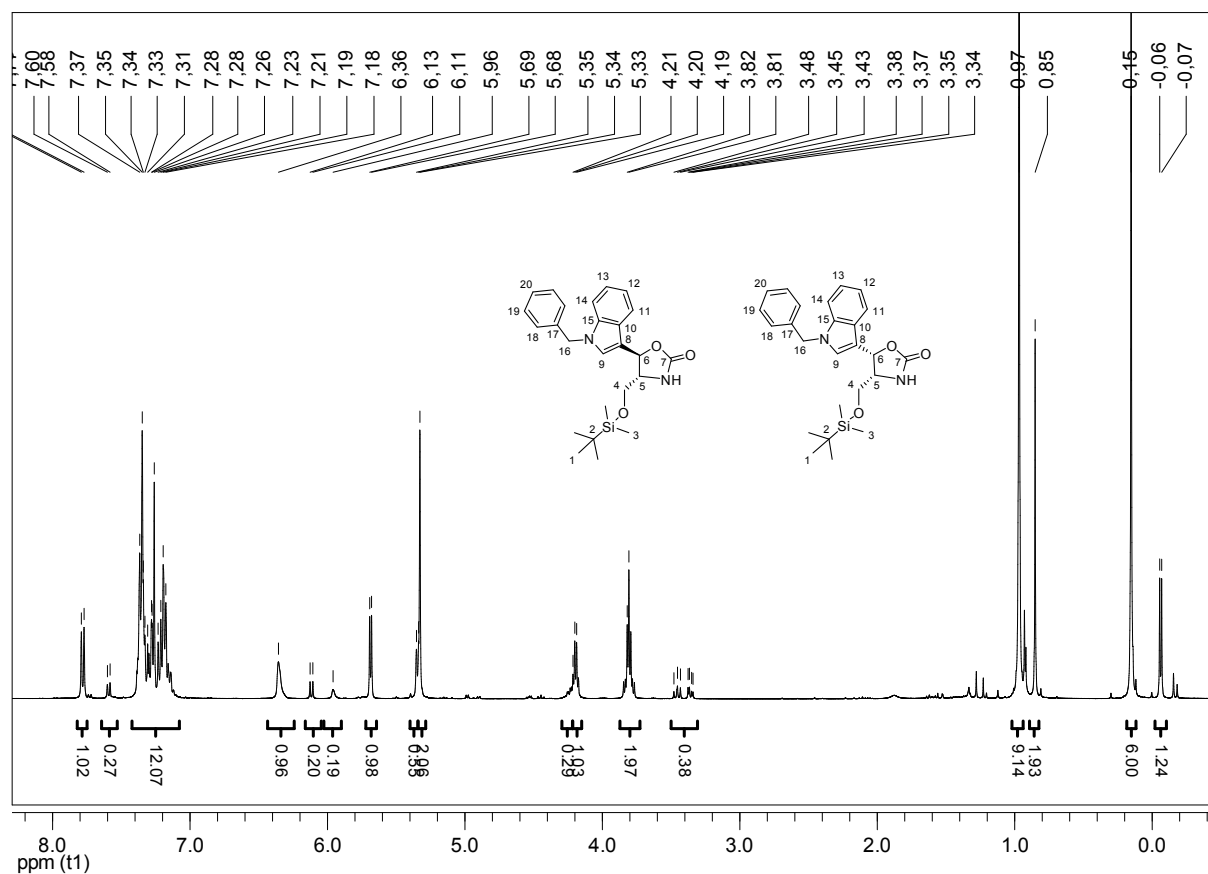
1-Benzyl-3-iodo-1*H*-indole (1)



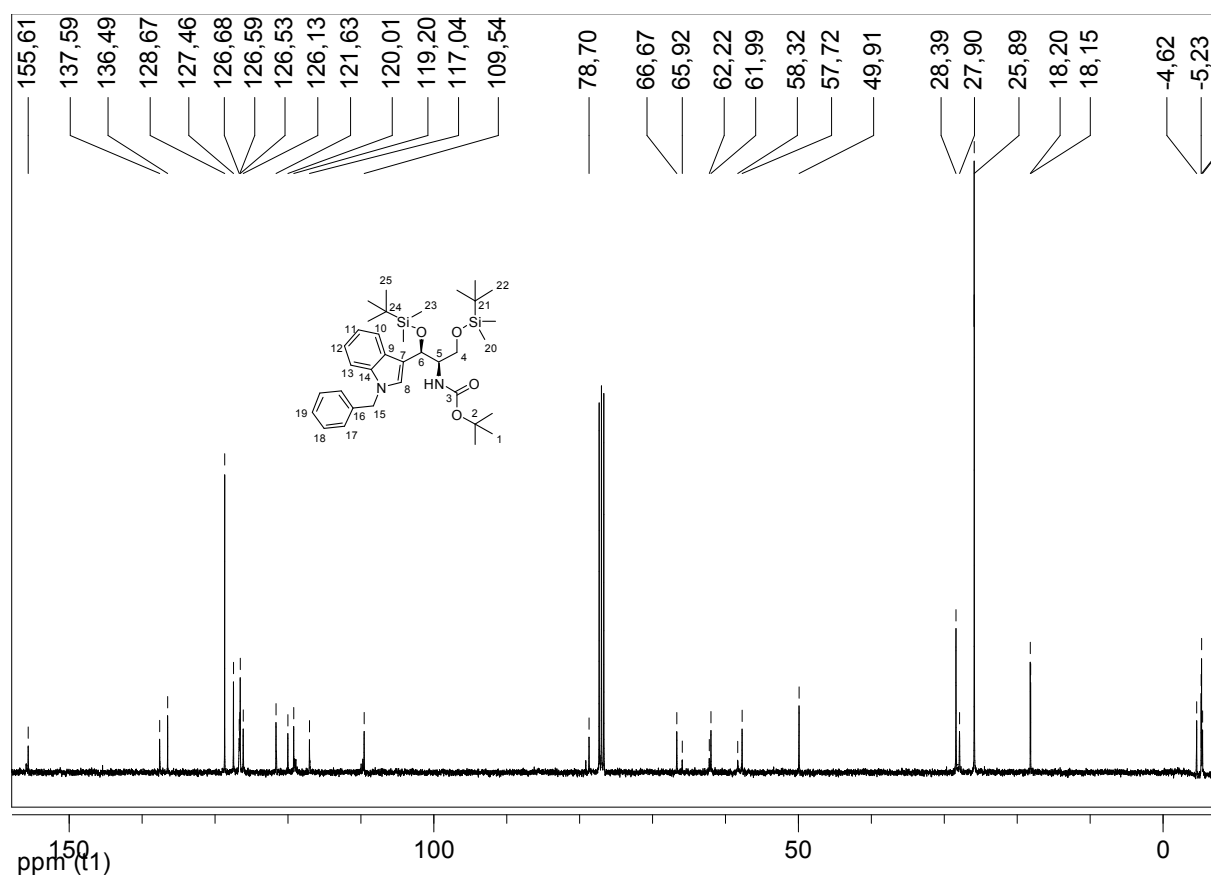
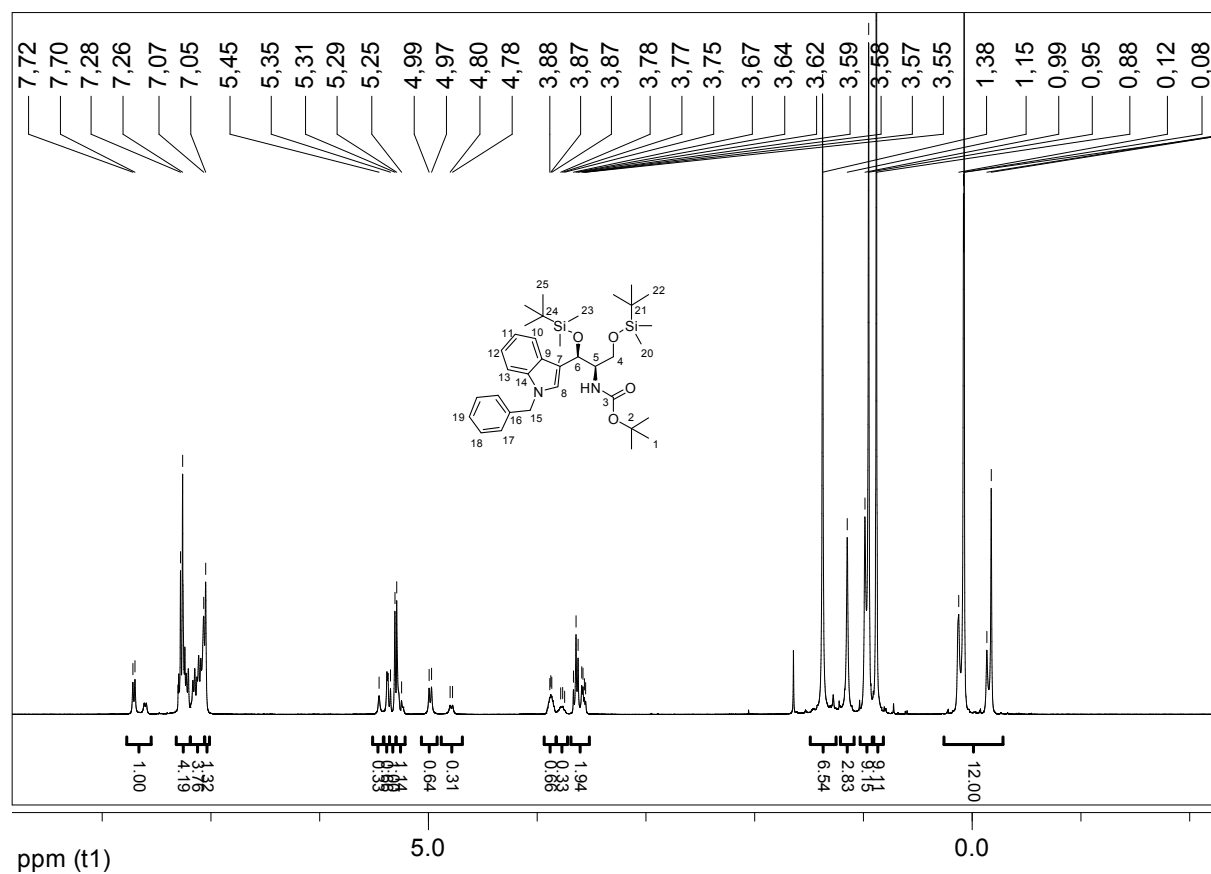
***N*-Boc-*N'*-benzyl-(2*R*,3*R*)-3-hydroxy-(*tert*-butyldimethylsilyl)-tryptophanol (2)**



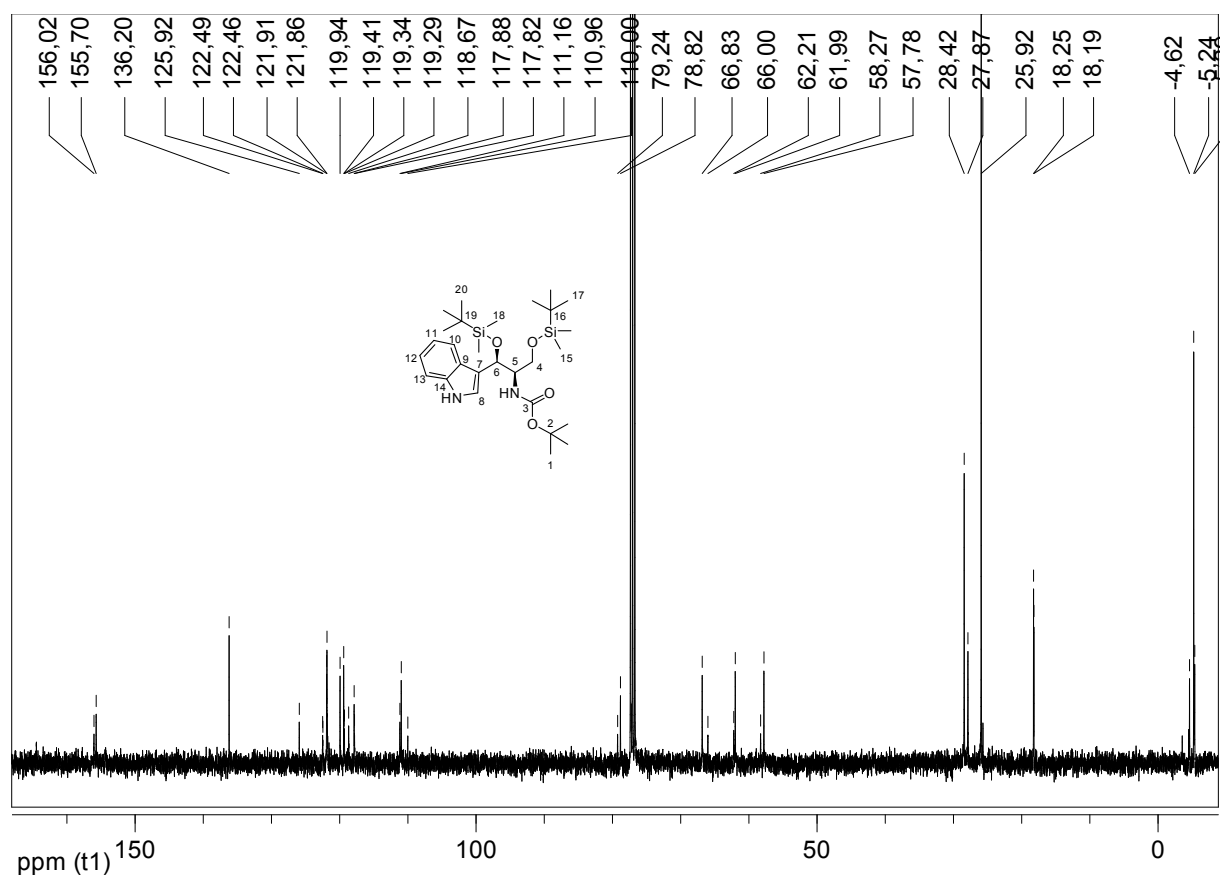
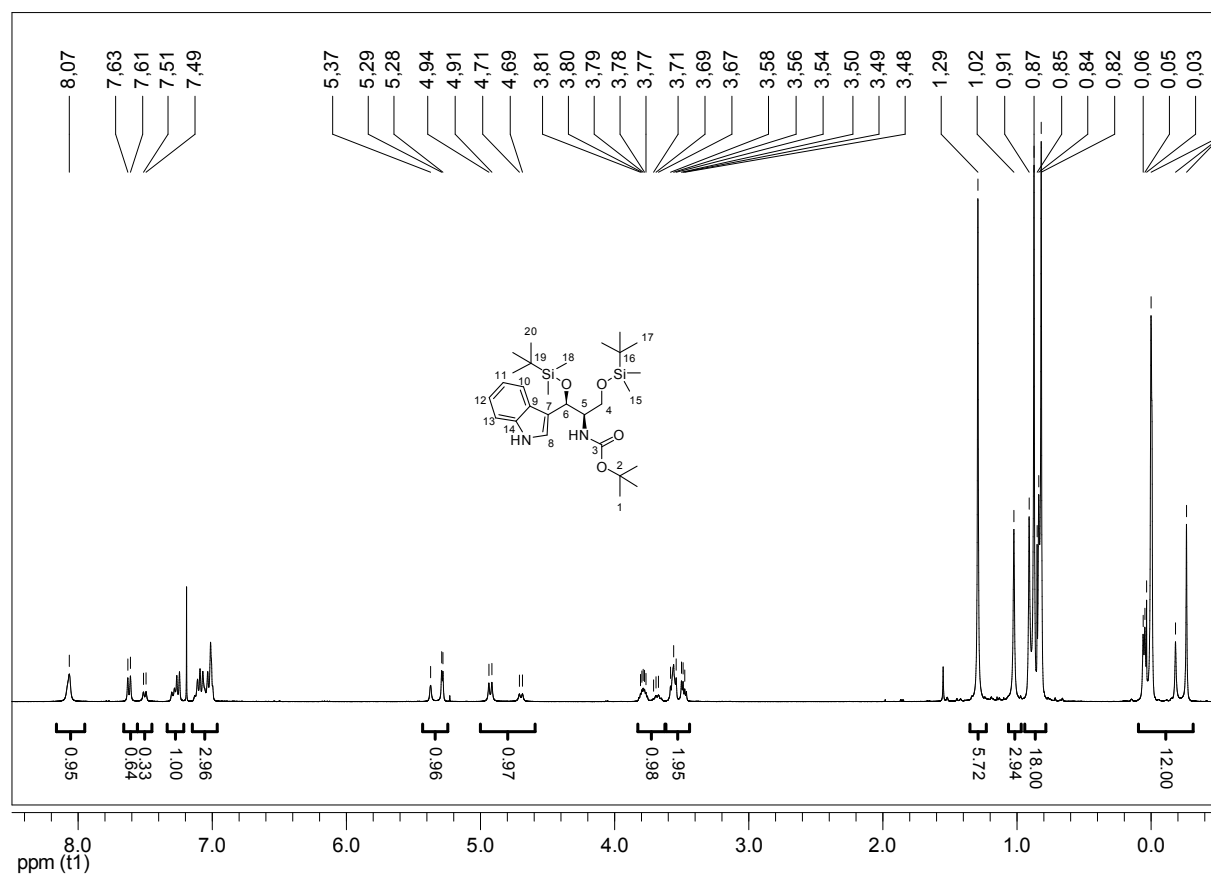
5-(*N*-Benzyl-1*H*-indol-3-yl)-4-(*tert*-butyldimethylsilyloxy)oxazolidin-2-ones [(4*R*,5*R*)-3a and (4*R*,5*S*)-3b]



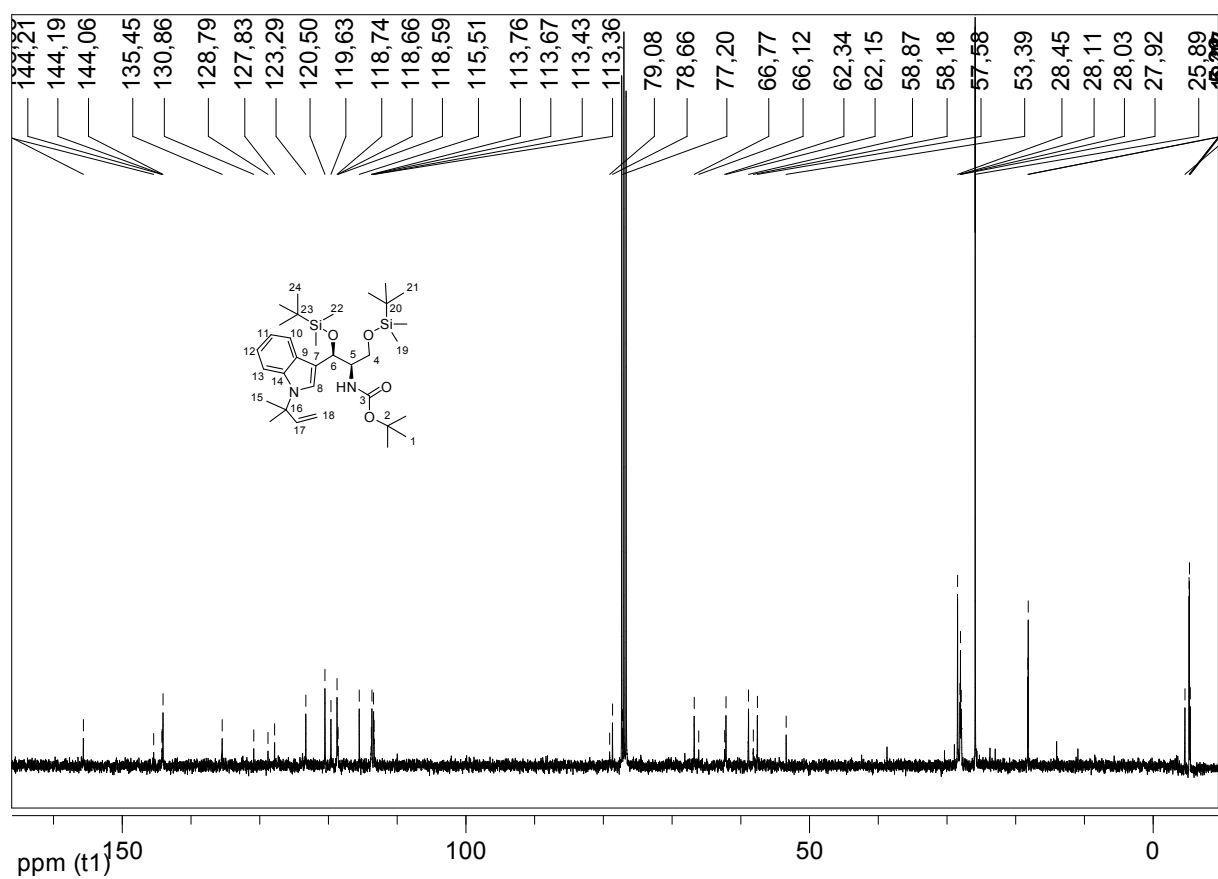
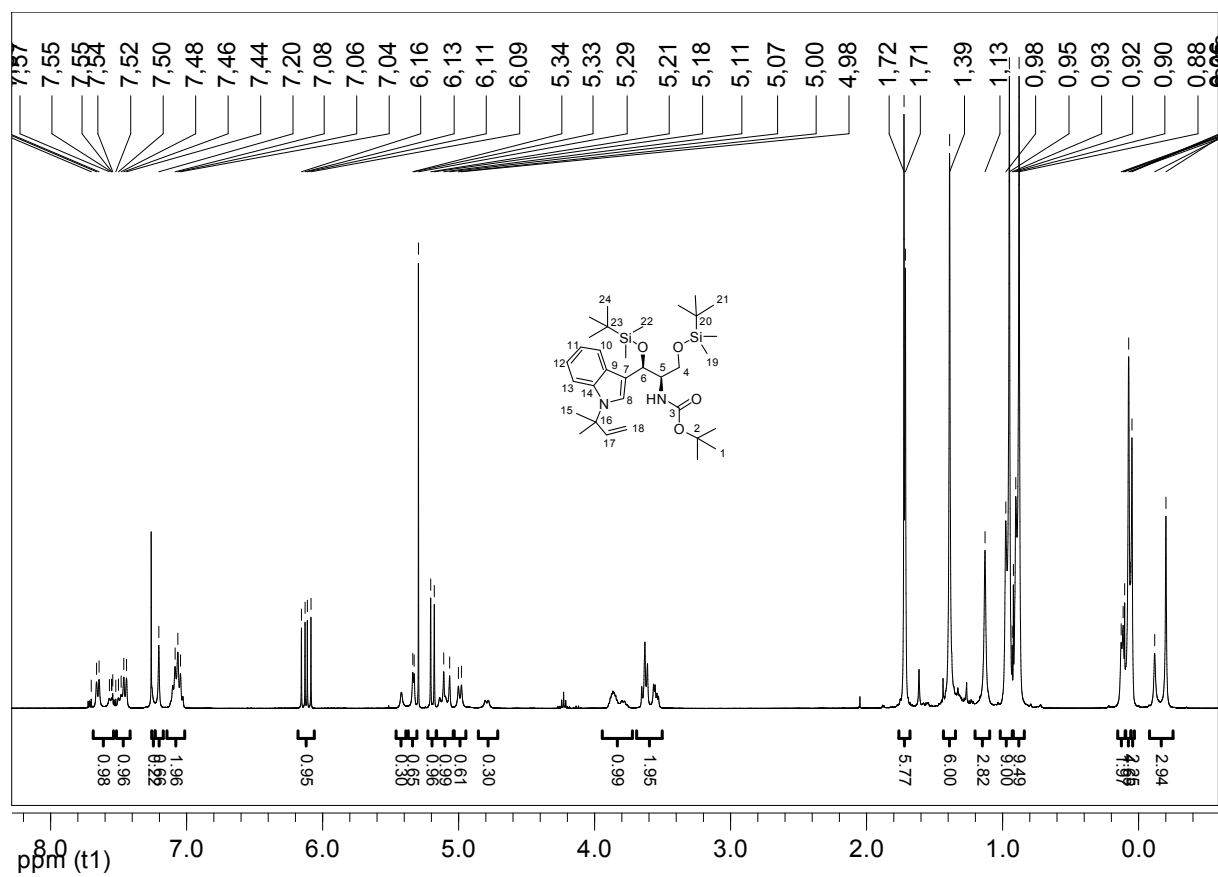
***N*-Boc-*N'*-benzyl-(2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-(tert-butyl-dimethylsilyl)-tryptophanol (4)**



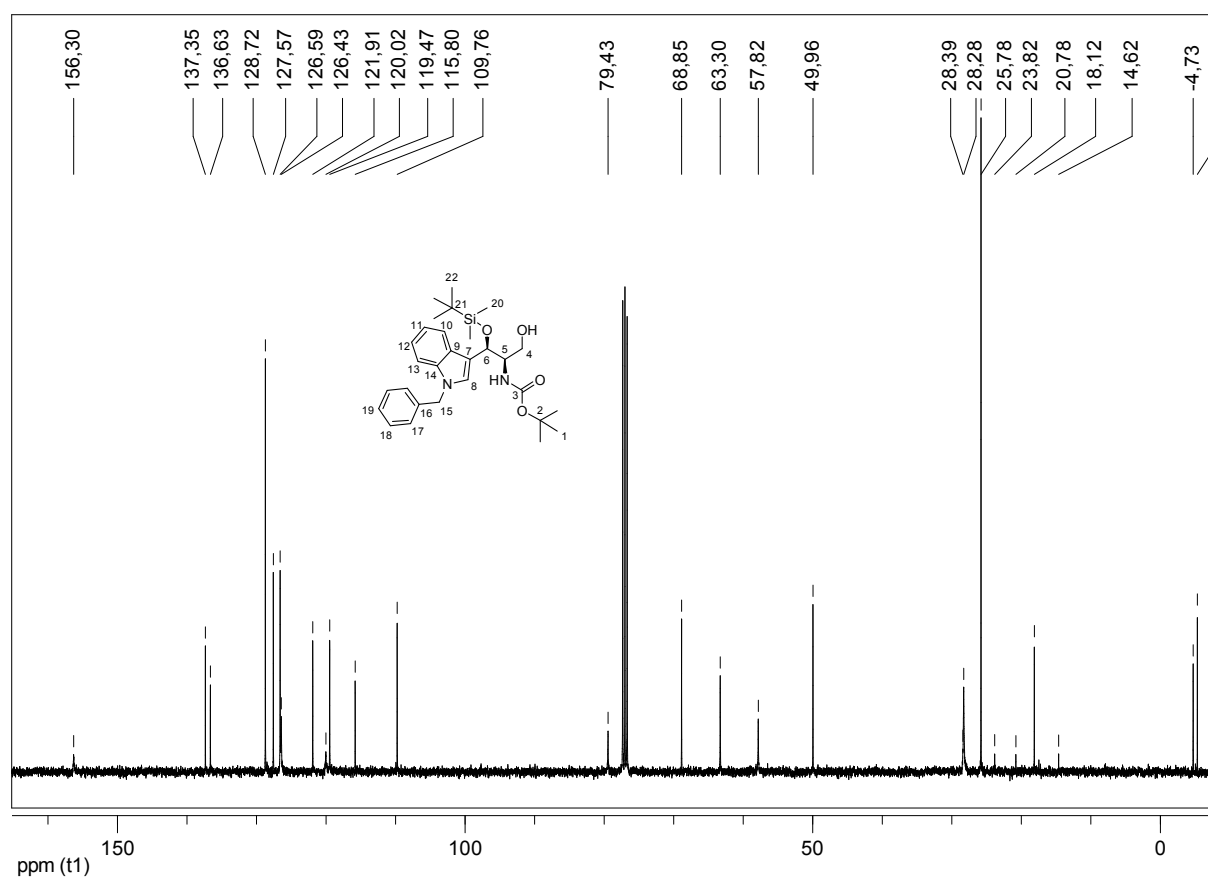
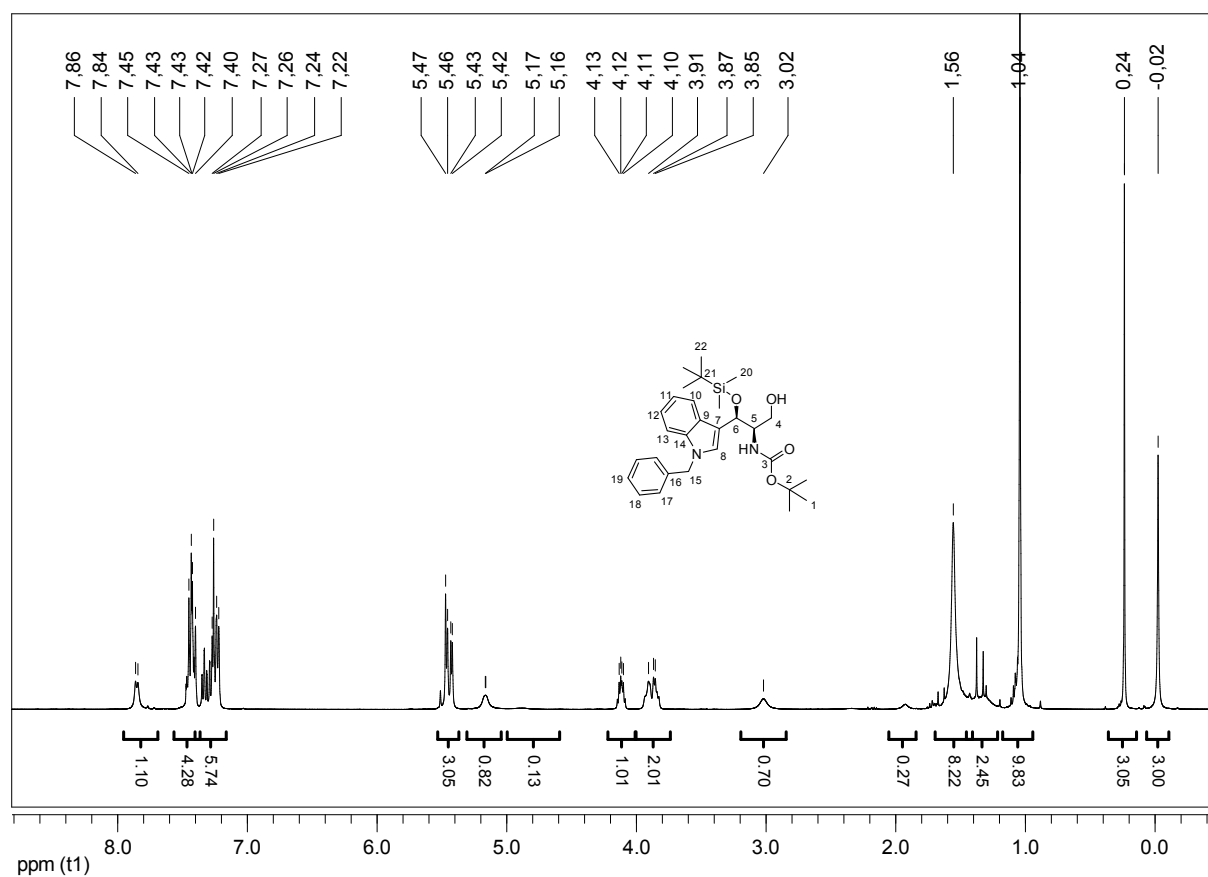
***N*-Boc-(2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-(tert-butyltrimethylsilyl)-tryptophanol (5)**



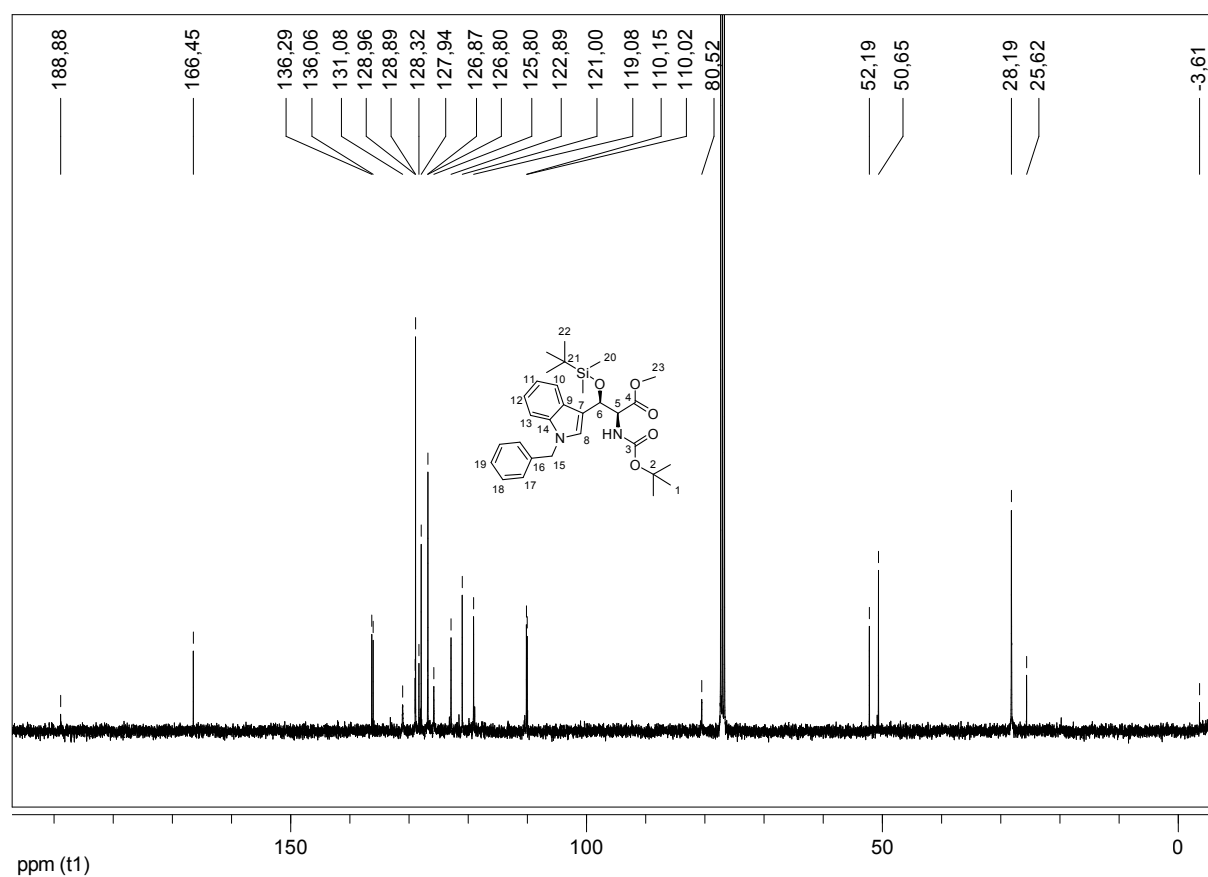
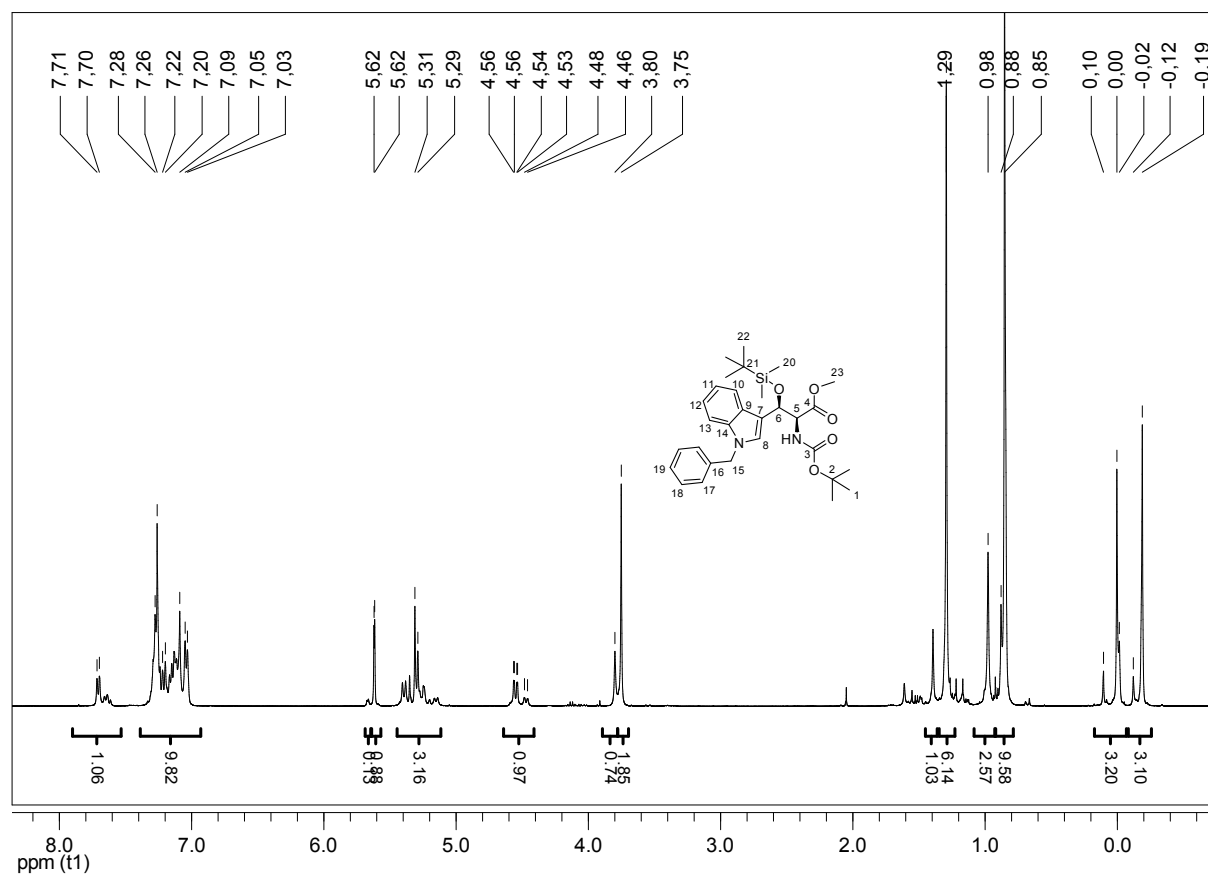
***N*-Boc-*N'*-(*tert*-prenyl)- (2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-(tert-butyltrimethylsilyl)-tryptophanol (6)**



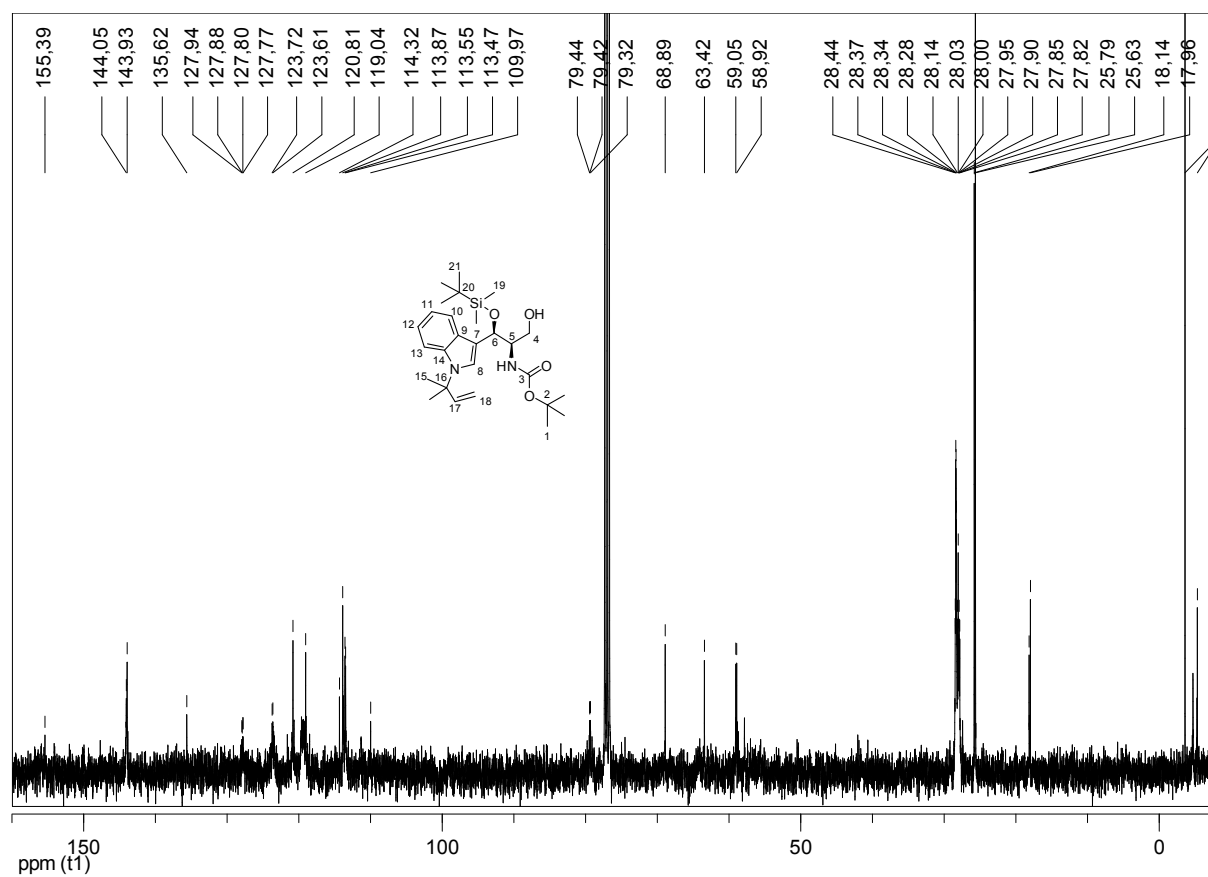
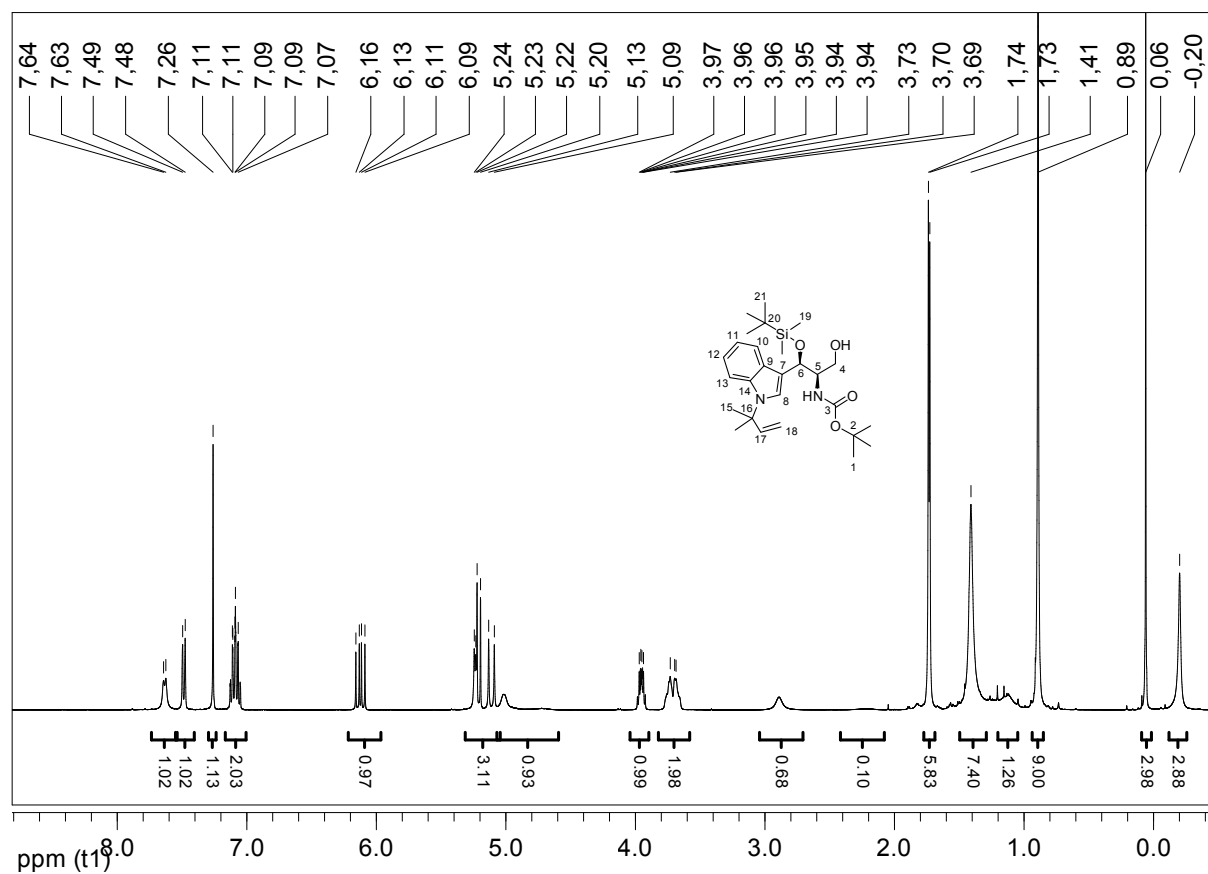
***N*-Boc-*N'*-benzyl-(2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-tryptophanol (7)**



***N*-Boc-*N'*-benzyl-(2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-tryptophane methylester (8)**



***N*-Boc-*N'*-(*tert*-prenyl)-(2*R*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-tryptophanol (9)**



***N*-Boc-*N'*-(*tert*-prenyl)-(2*S*,3*R*)-3-(*tert*-butyldimethylsilyloxy)-tryptophan methylester (10)**

