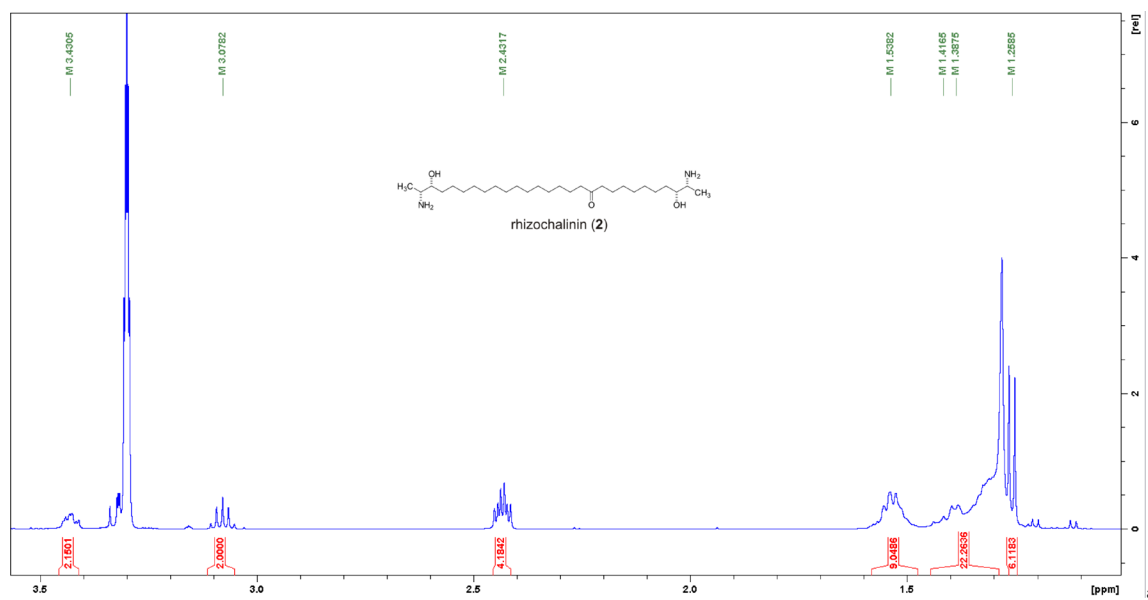
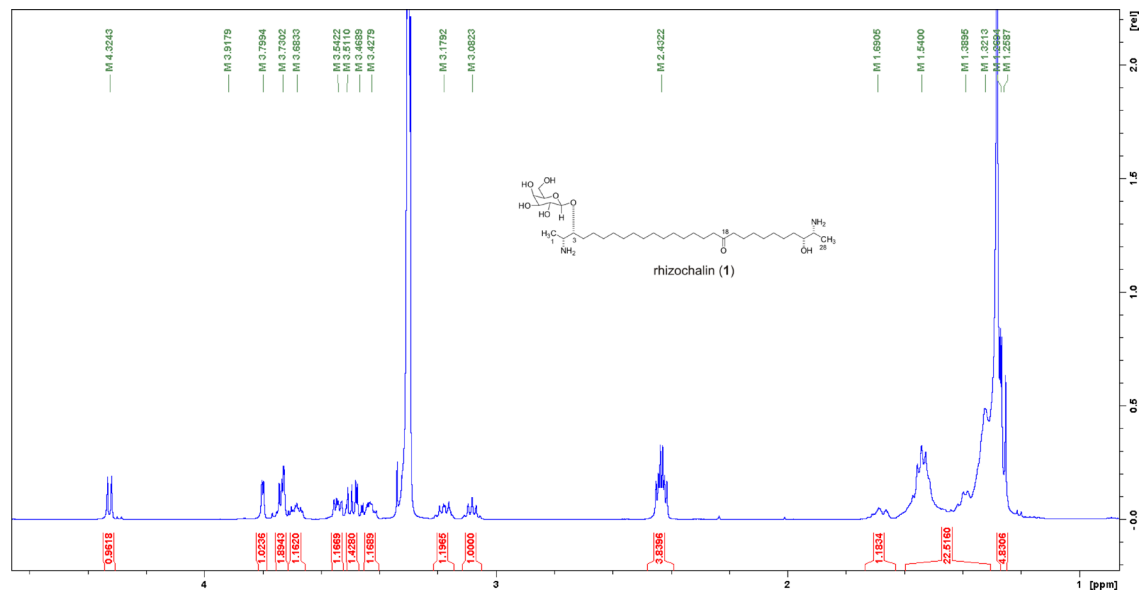
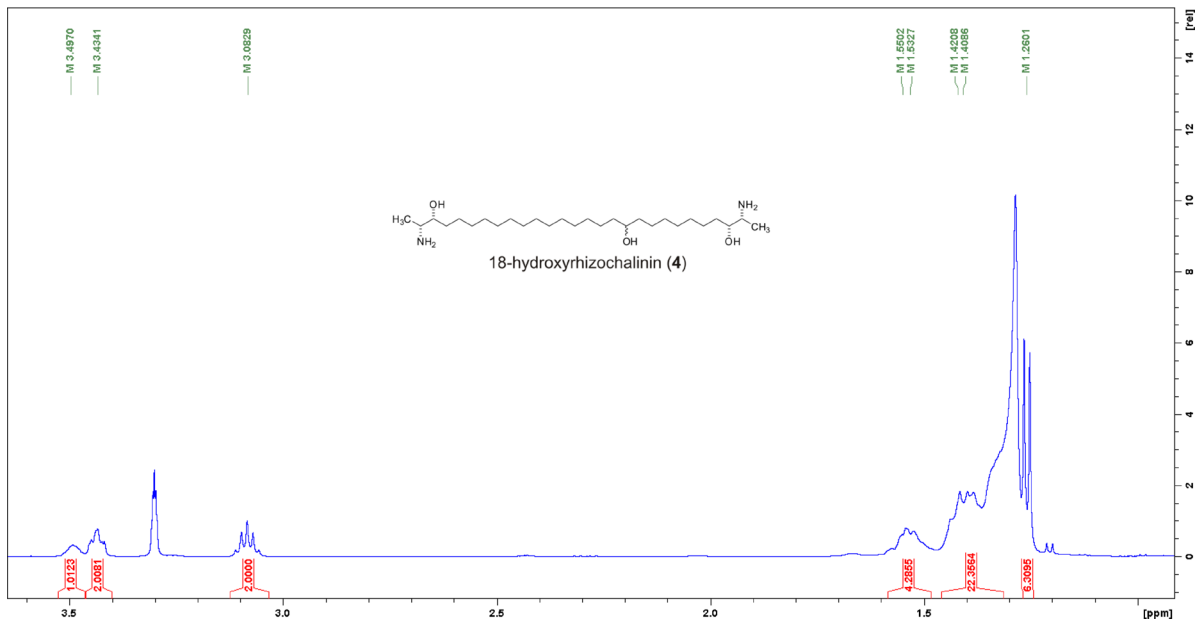
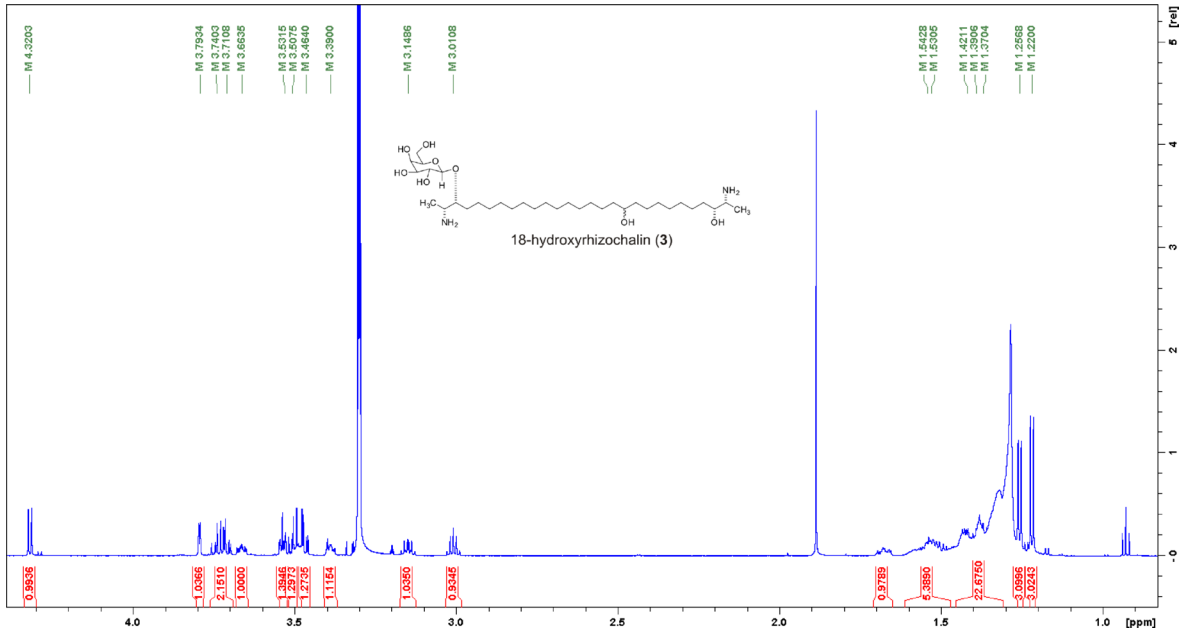
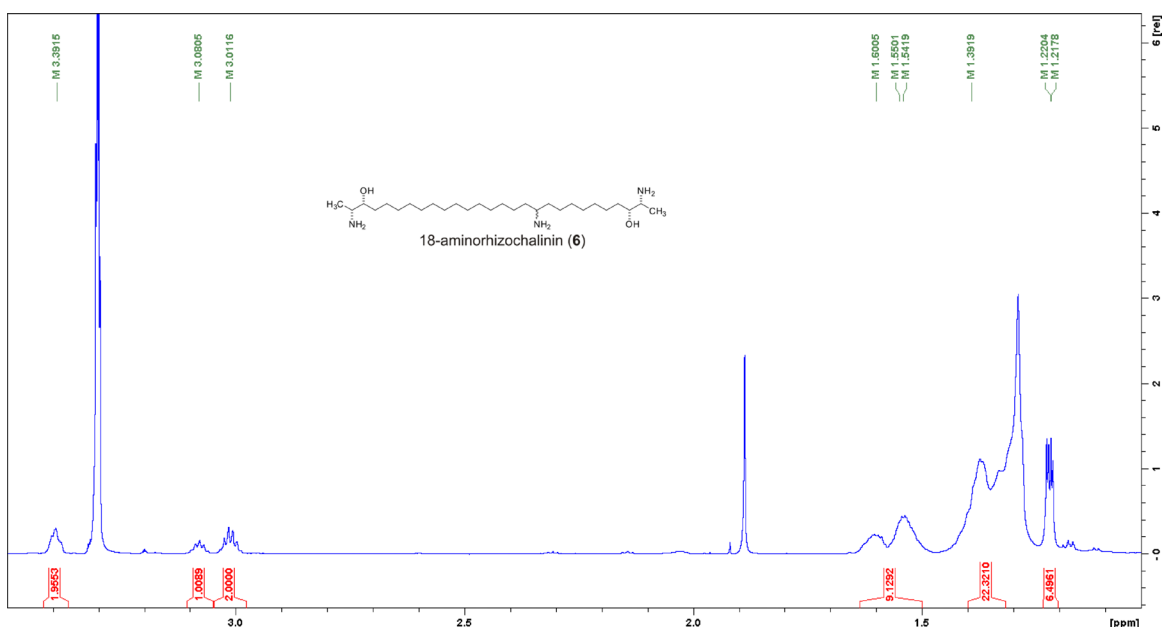
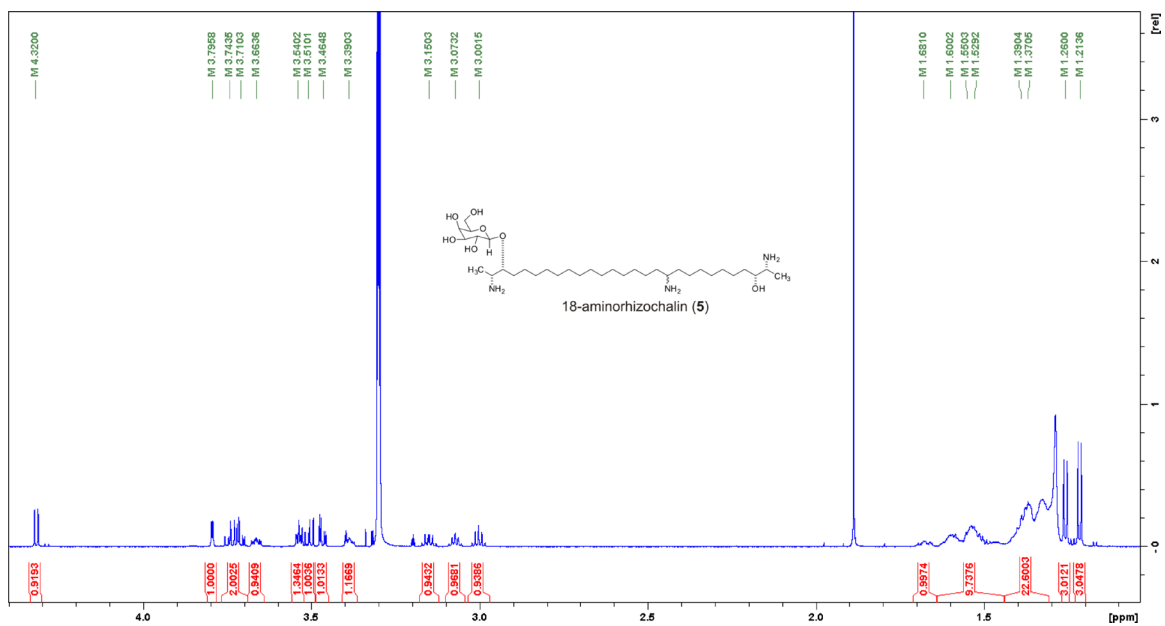


# Synthesis and anticancer activity of the derivatives of marine compound rhizochalin in castration resistant prostate cancer

## SUPPLEMENTARY MATERIALS







Supplementary Figure 1: <sup>1</sup>H NMR spectra of the compounds (1)–(6).

**Supplementary Table 1: List of primers used**

<b>Primer name</b>	<b>T<sub>m</sub> [°C]</b>	<b>Primer sequence</b>
AR-V7 forward	70	5'-CCA TCT TGT CGT CTT CGG AAA TGT TA-3'
AR-V7 reverse		5'-TTT GAA TGA GGC AAG TCA GCC TTT CT-3'
AR-FL forward	61	5'-CAGTGGATGGGCTGAAAAAT-3'
AR-FL reverse		5'-GGAGCTTGGTGAGCTGGTAG-3'
PSA forward	64	5'-CAT CAG GAA CAA AAG CGT GA-3'
PSA reverse		5'-ATA TCG TAG AGC GGG TGT GG-3'
FKBP5 forward	61	5'-AGGAGGGAAGAGTCCCAGTG-3'
FKBP5 reverse		5'-TGGGAAGCTACTGGTTTTGC-3'
TMPRSS2 forward	64	5'-CAGGAGTGTACGGGAATGTGATGGT-3'
TMPRSS2 reverse		5'-GATTAGCCGTCTGCCCTCATTGT-3'
UBE2C forward	57	5'-TGGTCTGCCCTGTATGATGT-3'
UBE2C reverse		5'-AAAAGCTGTGGGGTTTTTCC-3'
AKT1 forward	62	5'-TGGACTACCTGCACTCGGAGAA-3'
AKT1 reverse		5'-GTGCCGCAAAGGTCTTCATGG-3'
GAPDH forward	56	5'-TGC ACC ACC AAC TGC TTA-3'
GAPDH reverse		5'-GAG GCA GGG ATG ATG TTC-3'