

CHEMICAL CONSTITUENTS FROM THE STEM BARK OF *Annona pickelii* (Annonaceae)

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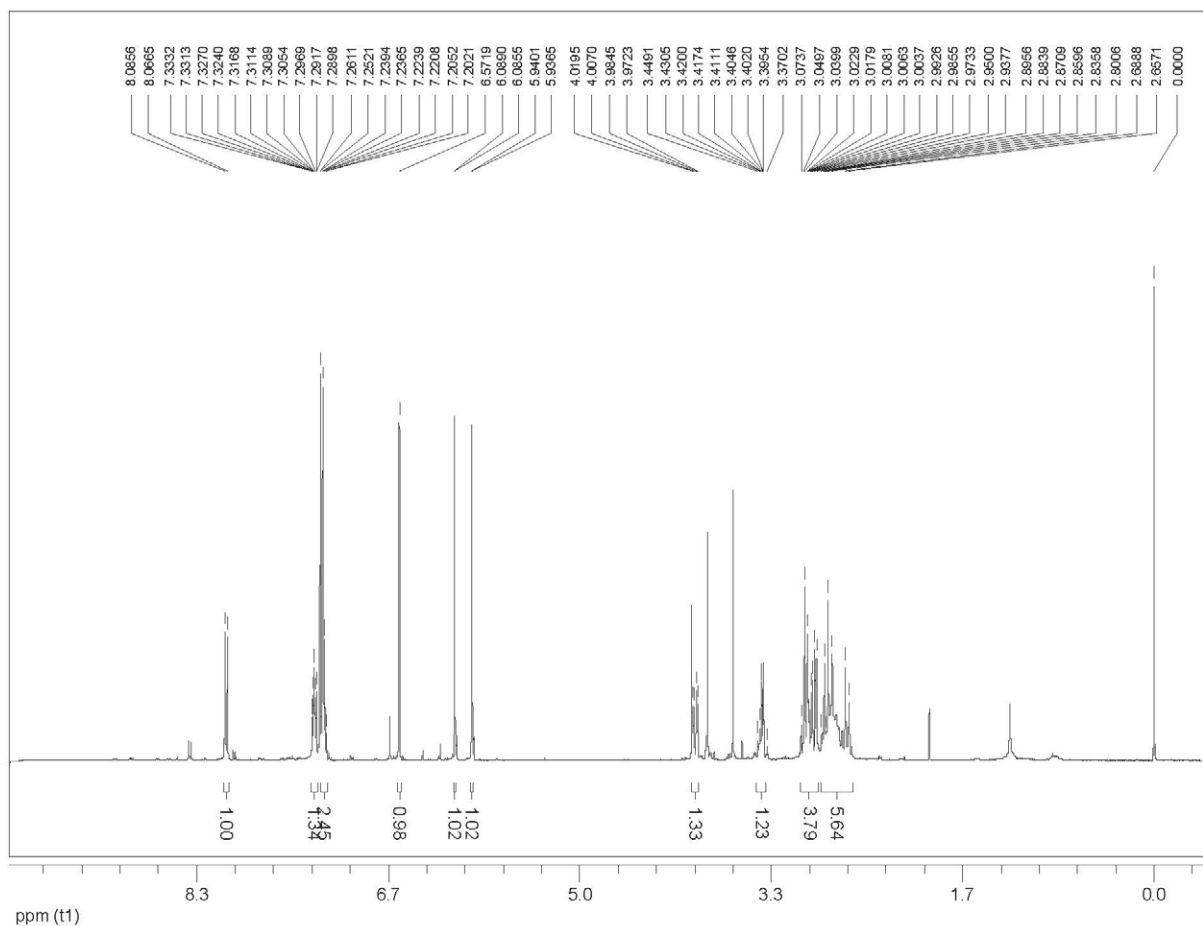


Figura 1S. ¹H NMR spectrum of anonaine (II) in CDCl₃ at 400 MHz

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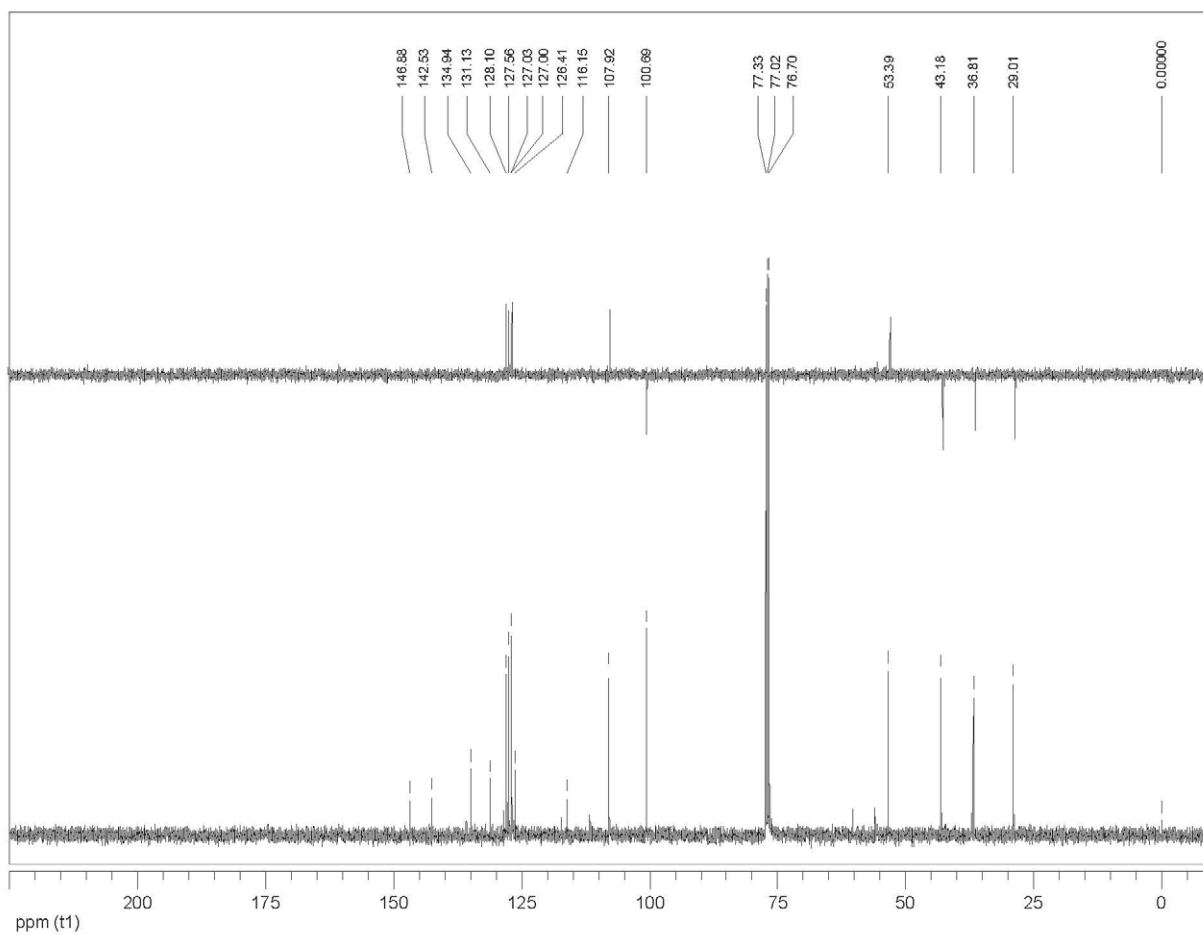


Figura 2S. $^{13}\text{C}\{^1\text{H}\}$ and DEPT 135 NMR spectra of anonaine (II) in CDCl_3 at 100 MHz

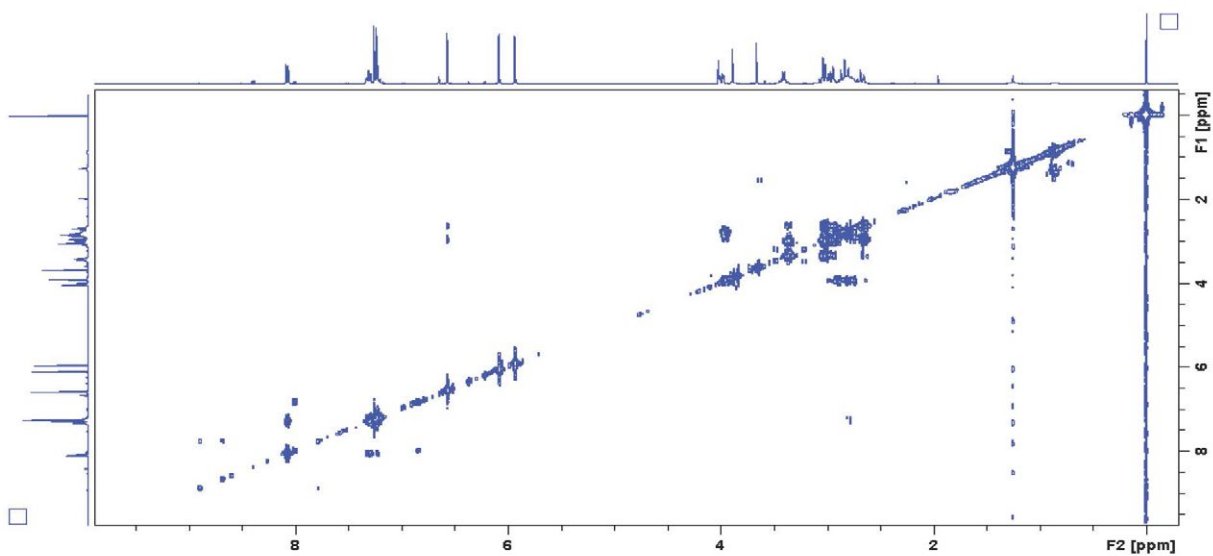


Figura 3S. ^1H - ^1H correlation map from COSY NMR experiment of anonaine (II) in CDCl_3 at 400 MHz

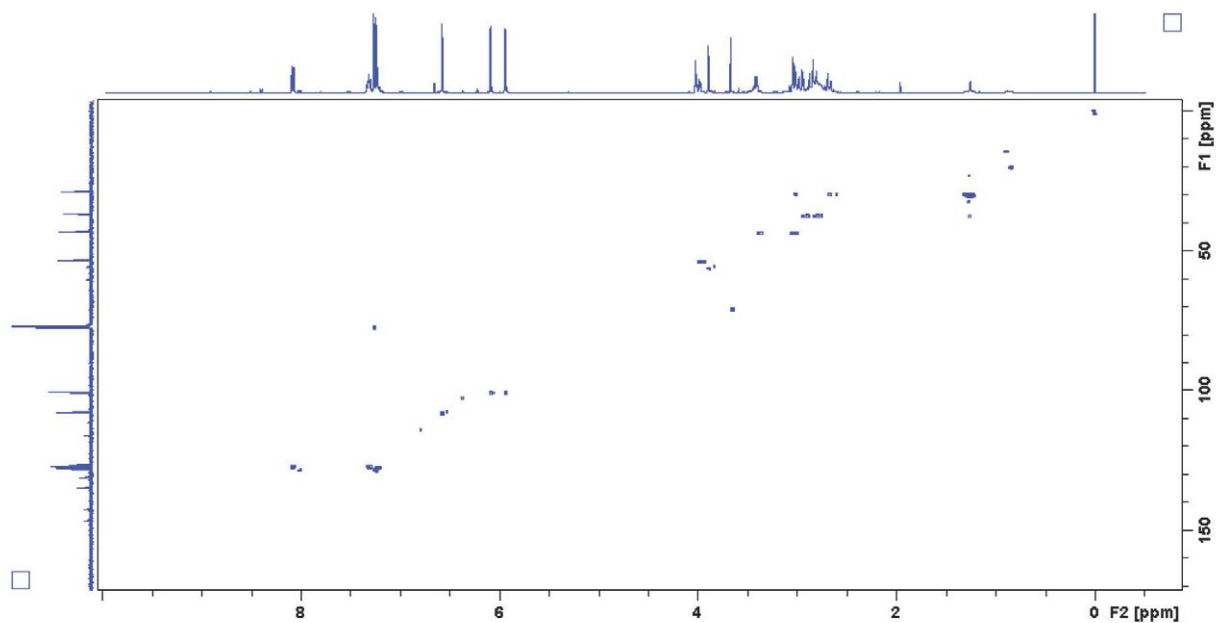


Figura 4S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of anonaine (**II**) in CDCl_3 at 400 and 100 MHz.

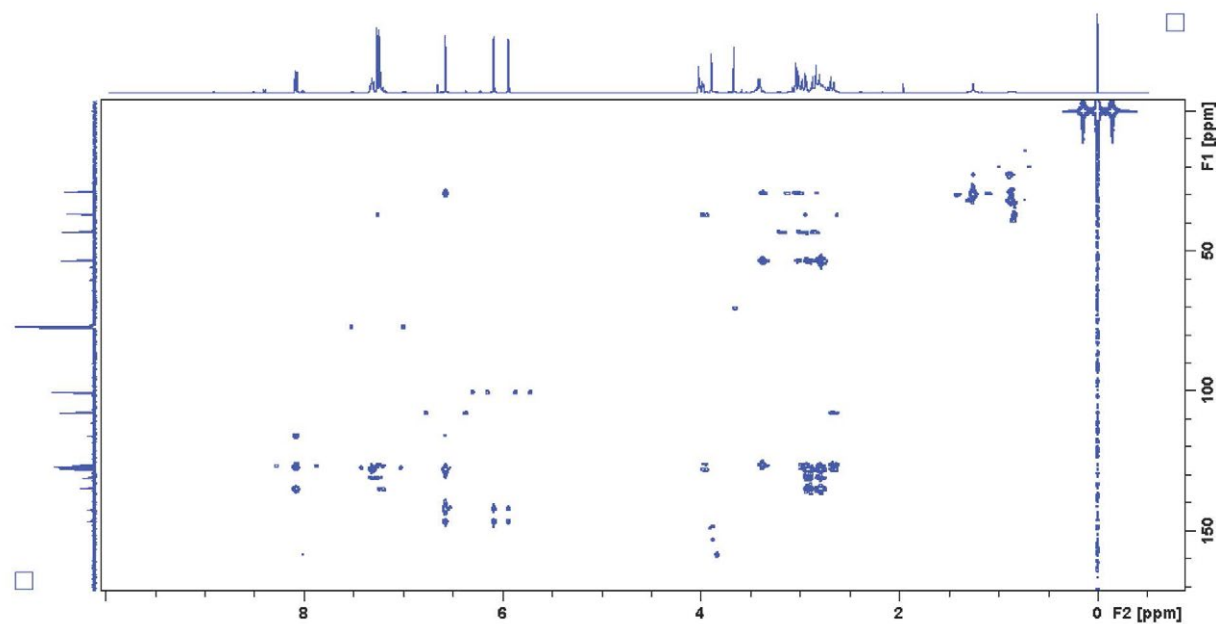


Figura 5S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of anonaine (**II**) in CDCl_3 at 400 and 100 MHz.

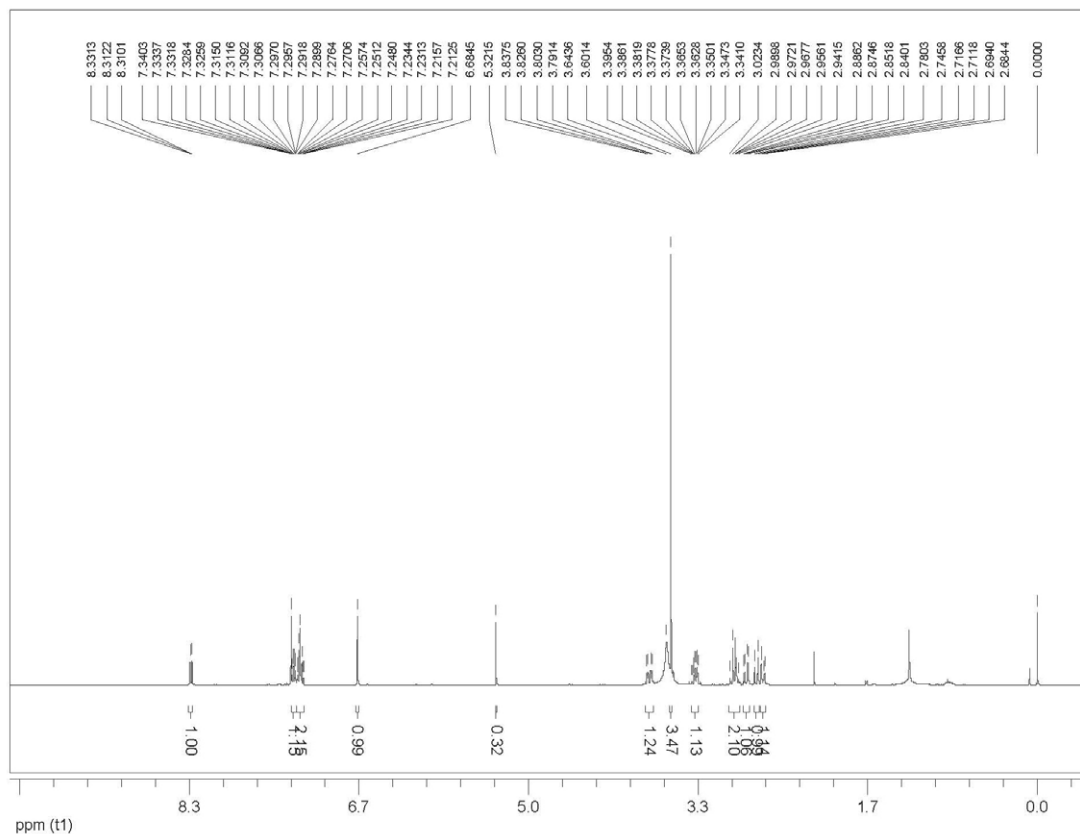


Figura 6S. ¹H NMR spectrum of asimilobine (12) in CDCl₃ + drops of CD₃OD at 400 MHz

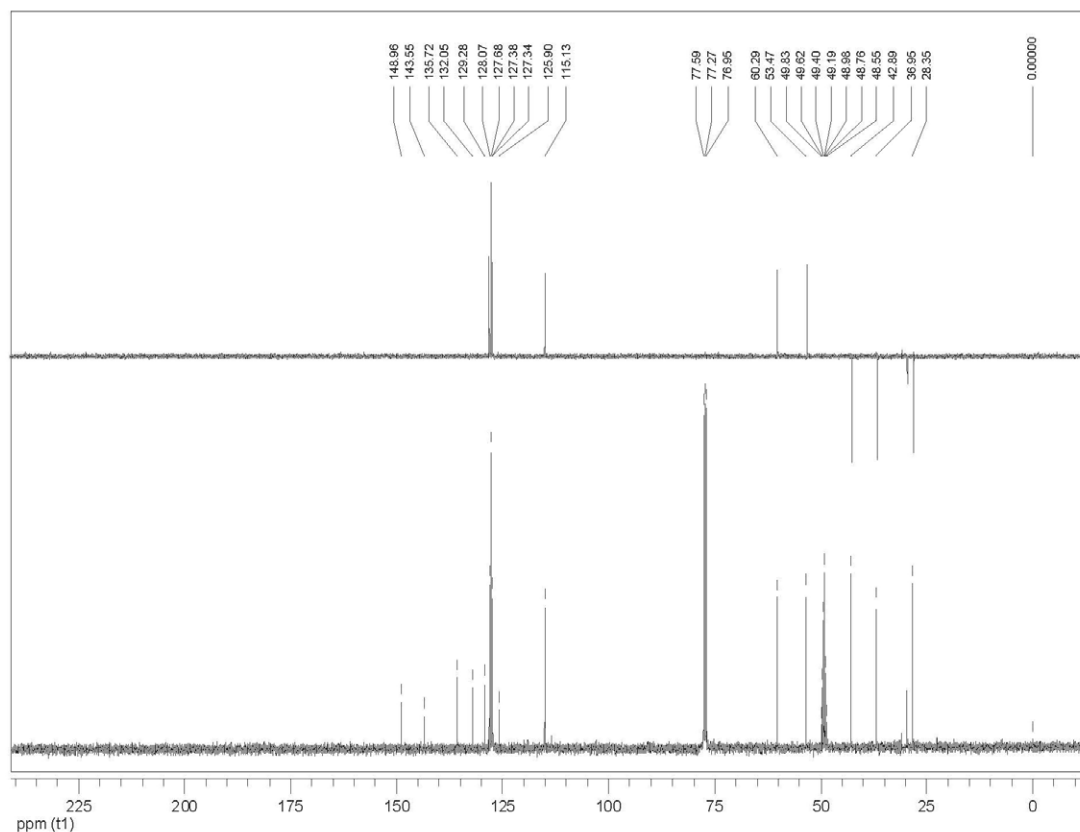


Figura 7S. ¹³C{¹H} and DEPT 135 NMR spectra of asimilobine (12) in CDCl₃ + drops of CD₃OD at 100 MHz

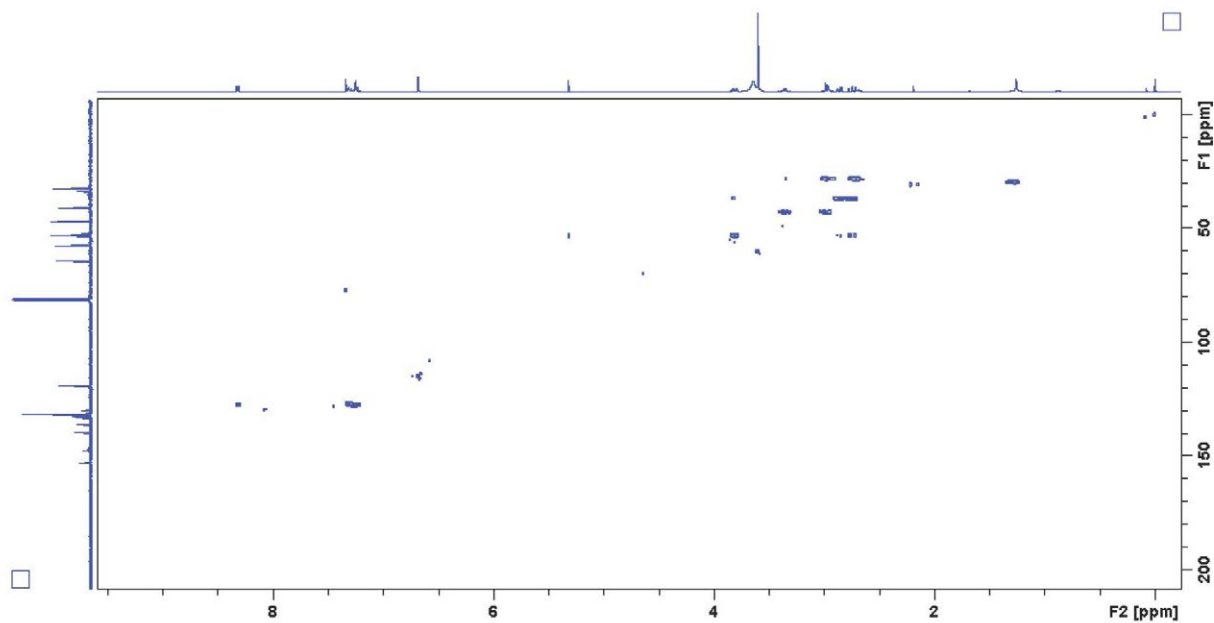


Figura 8S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of asimilobine (**12**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

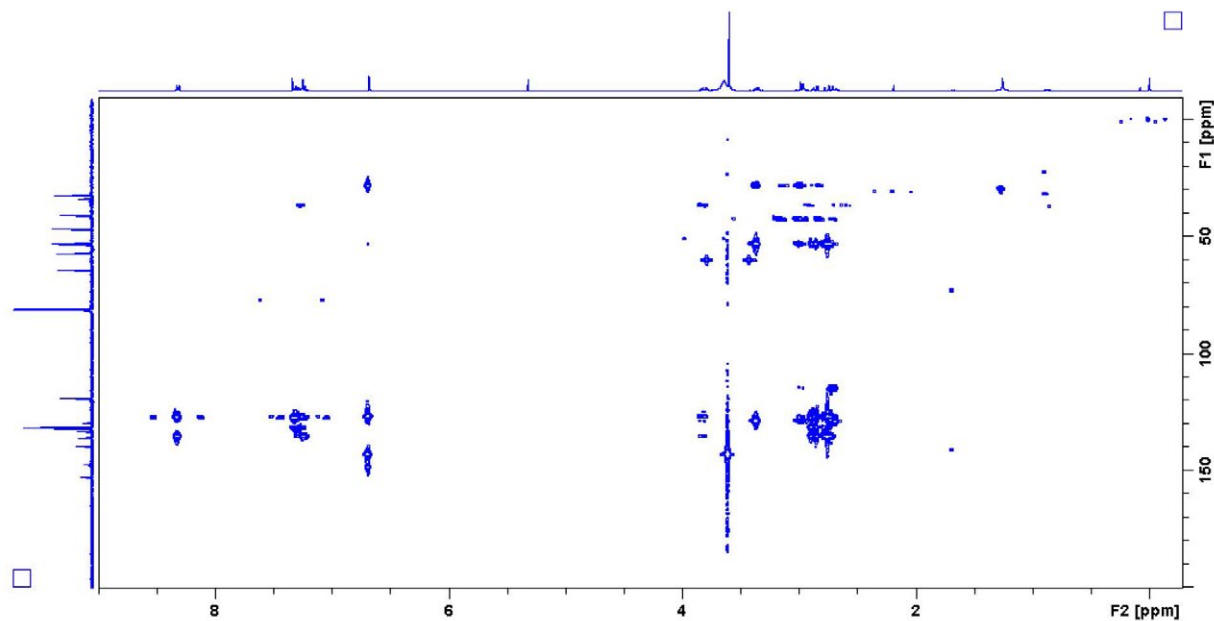


Figura 9S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of asimilobine (**12**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

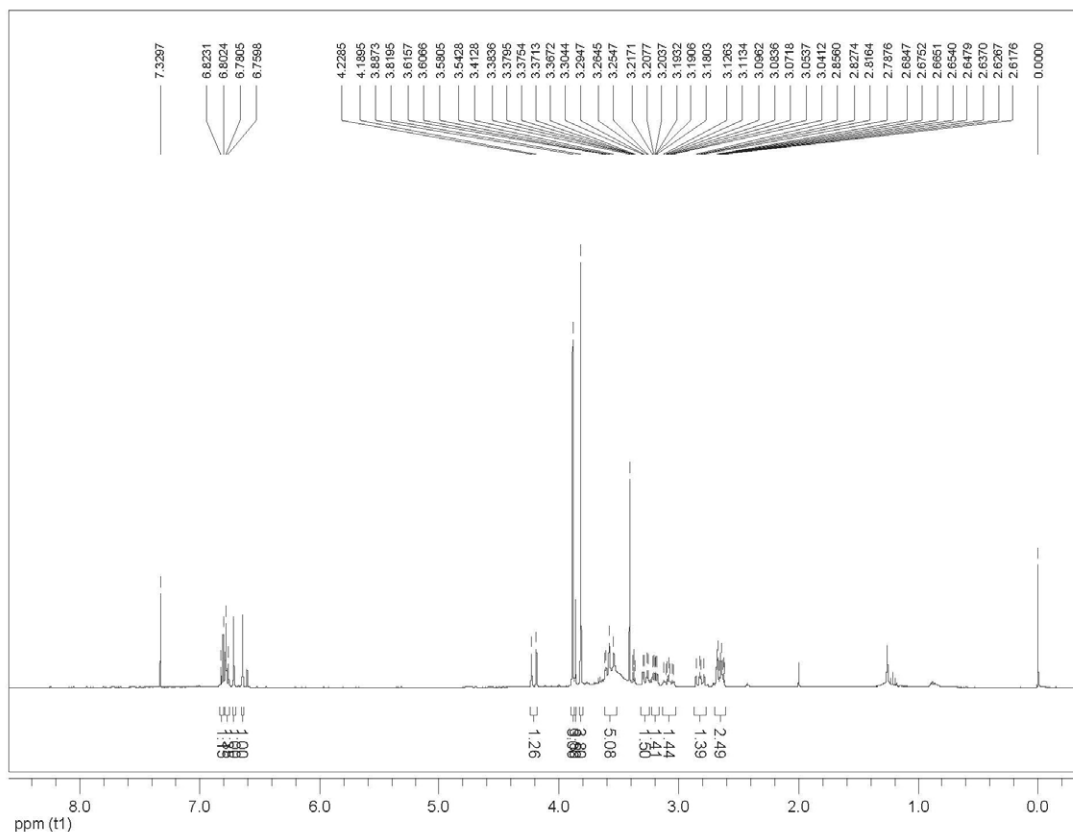


Figura 10S. ¹H NMR spectrum of discretamine (**14**) in CDCl₃ + drops of CD₃OD at 400 MHz

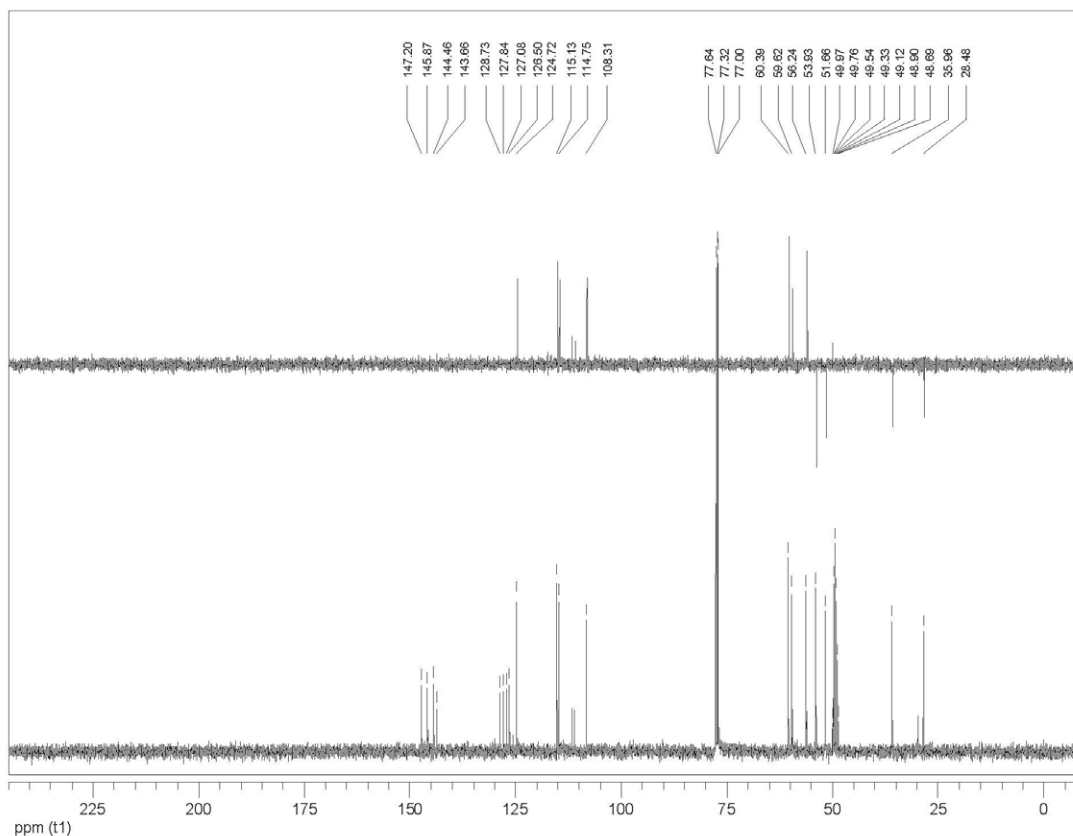


Figura 11S. ¹³C{¹H} and DEPT 135 NMR spectra of discretamine (**14**) in CDCl₃ + drops of CD₃OD at 100 MHz

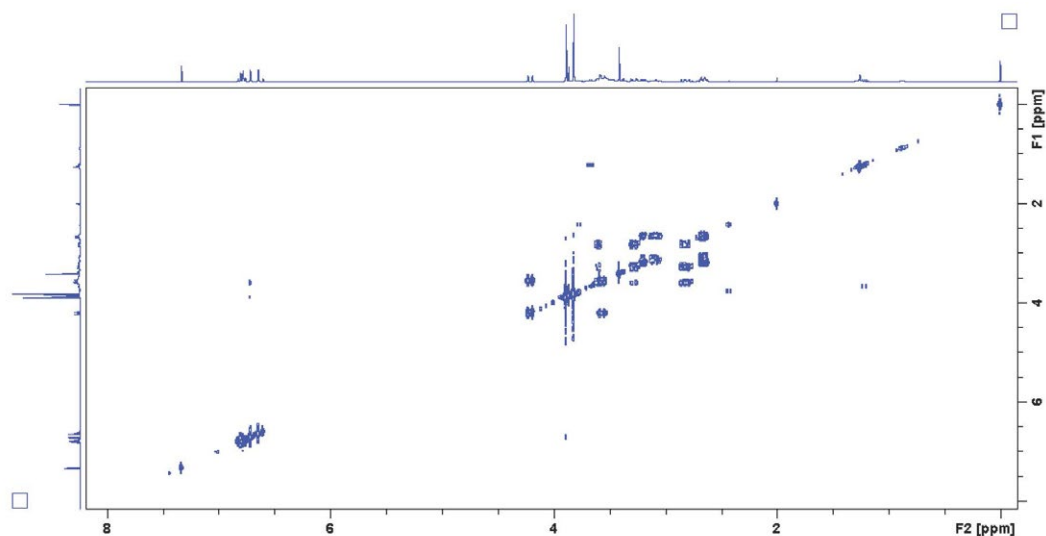


Figura 12S. ^1H - ^1H correlation map from COSY NMR experiment of discretamine (**14**) in CDCl_3 + drops of CD_3OD at 400 MHz

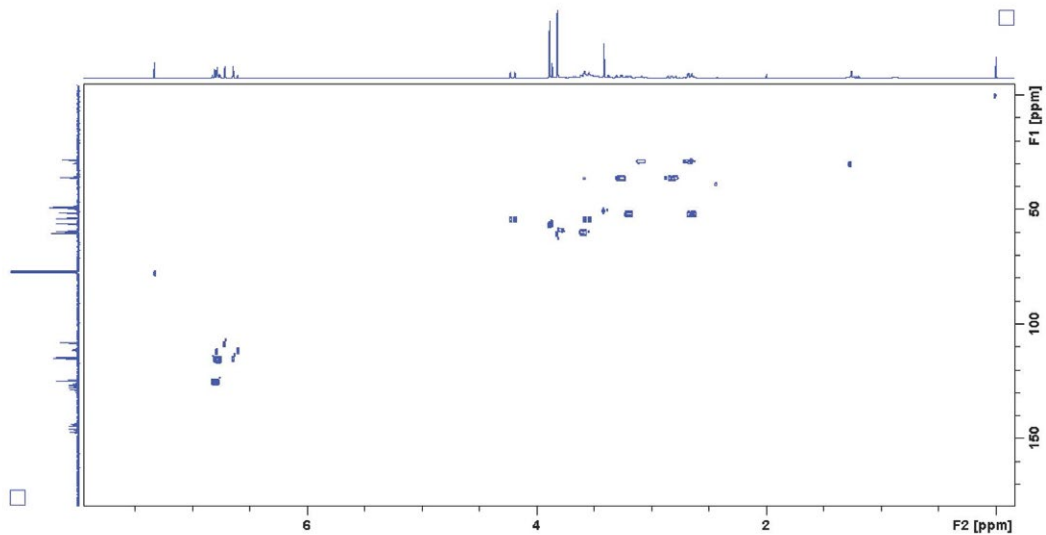


Figura 13S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of discretamine (**14**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

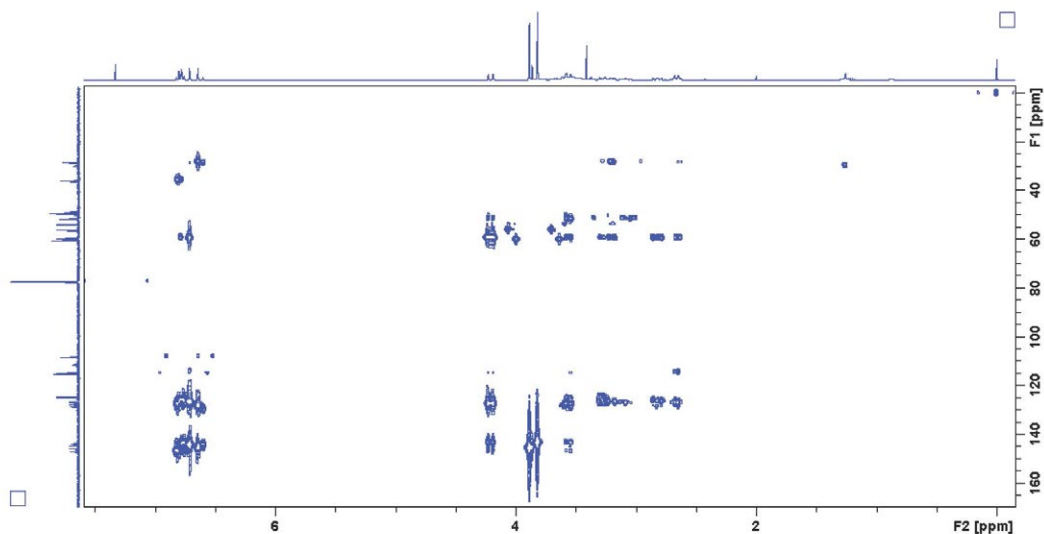


Figura 14S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of discretamine (**14**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

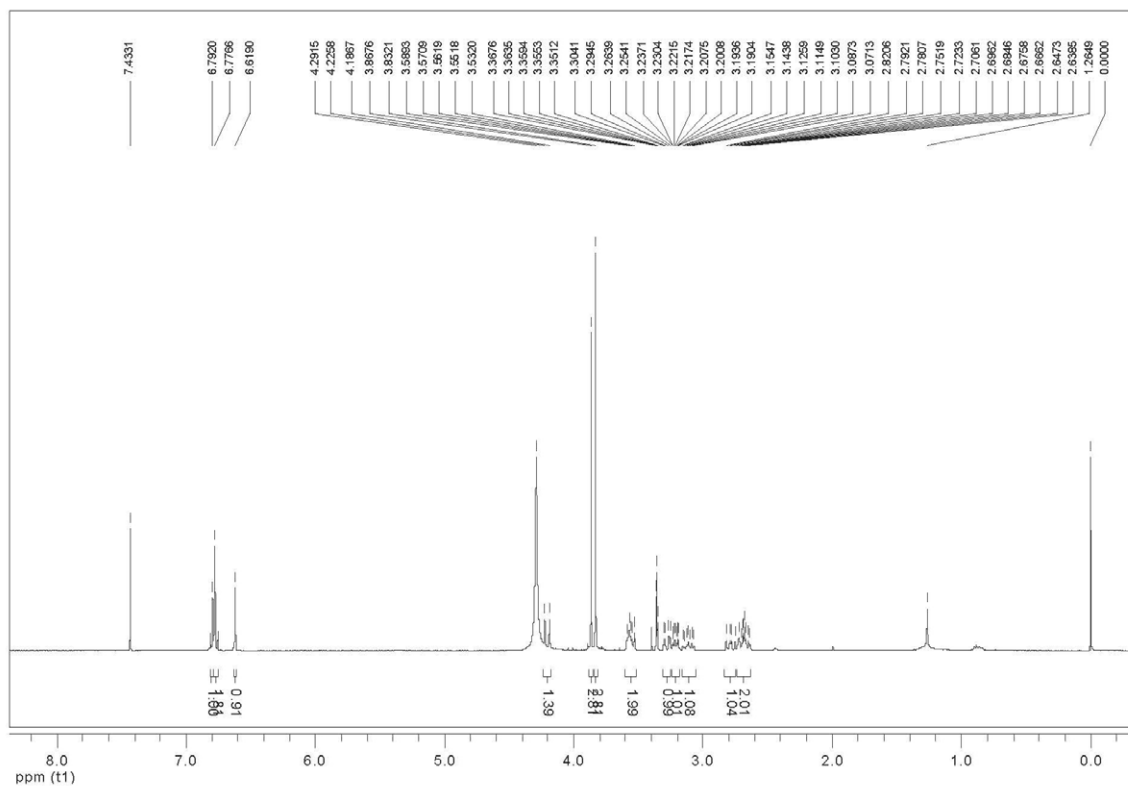


Figura 15S. ¹H NMR spectrum of stepholidine (**15**) in CDCl₃ + drops of CD₃OD at 400 MHz

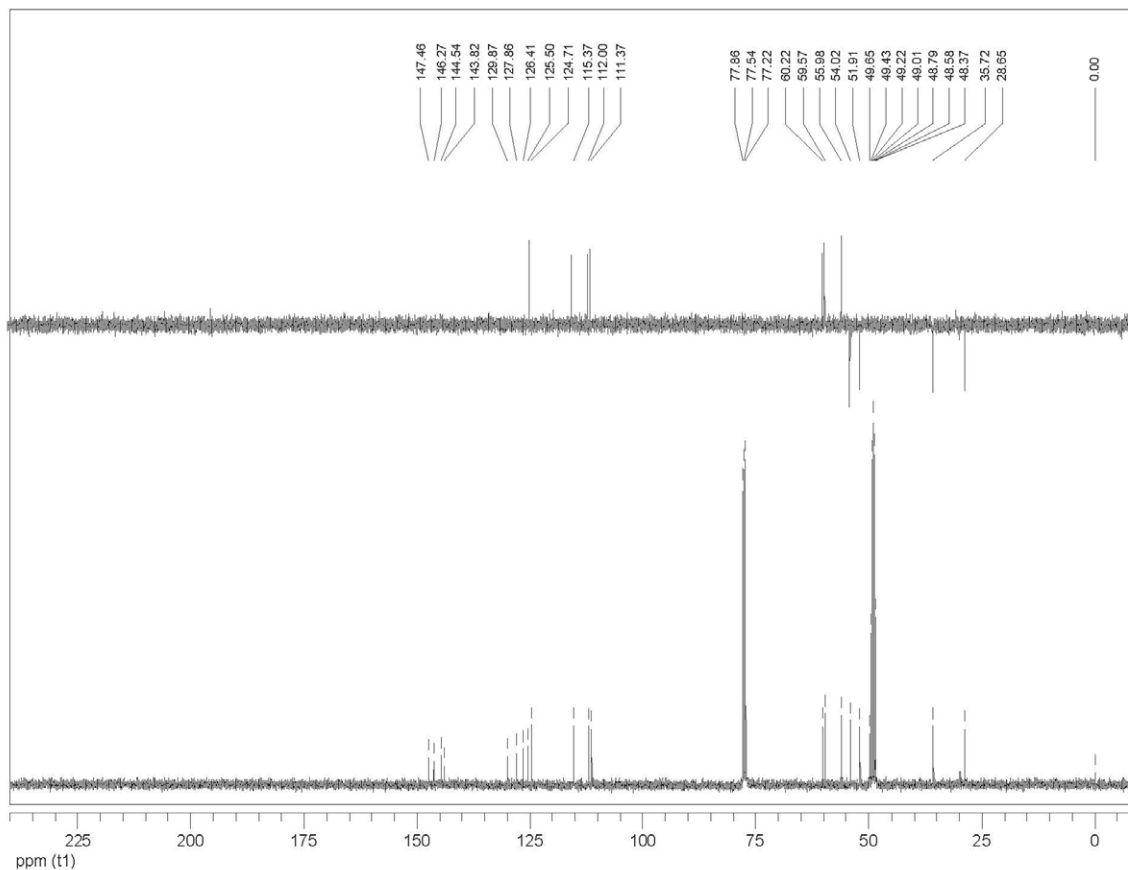


Figura 16S. ¹³C{¹H} and DEPT 135 NMR spectra of stepholidine (**15**) in CDCl₃ + drops of CD₃OD at 100 MHz

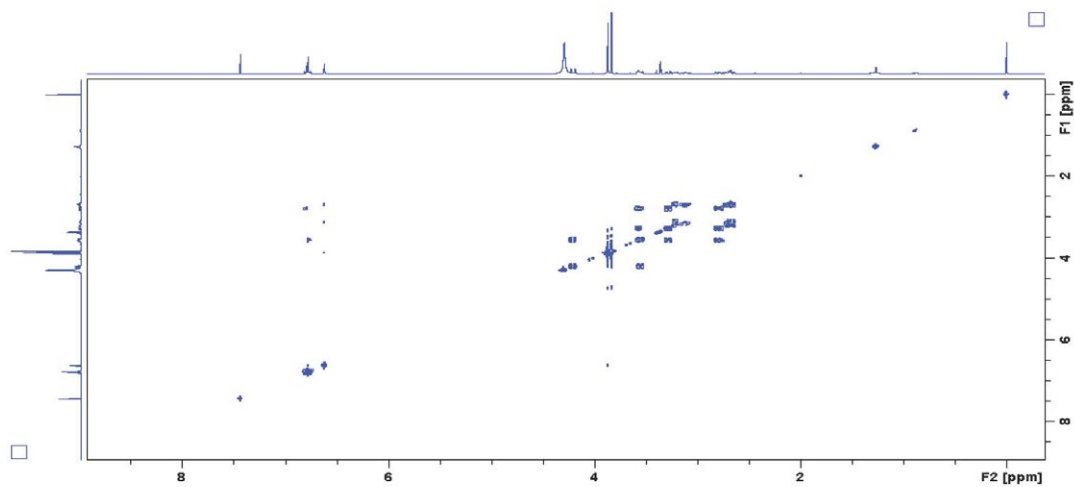


Figura 17S. ^1H - ^1H correlation map from COSY NMR experiment of stepholidine (**15**) in CDCl_3 + drops of CD_3OD at 400 MHz

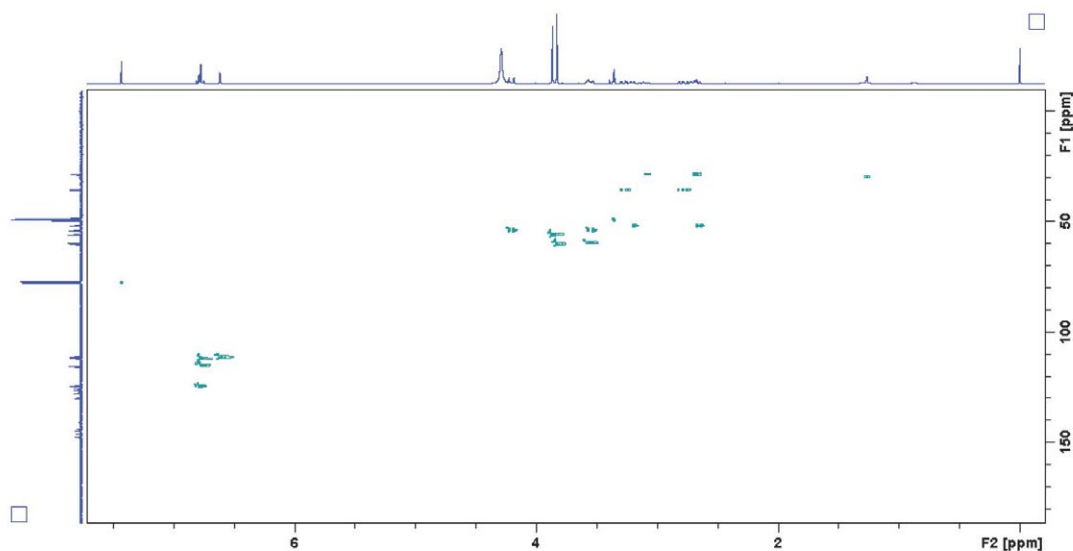


Figura 18S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of stepholidine (**15**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

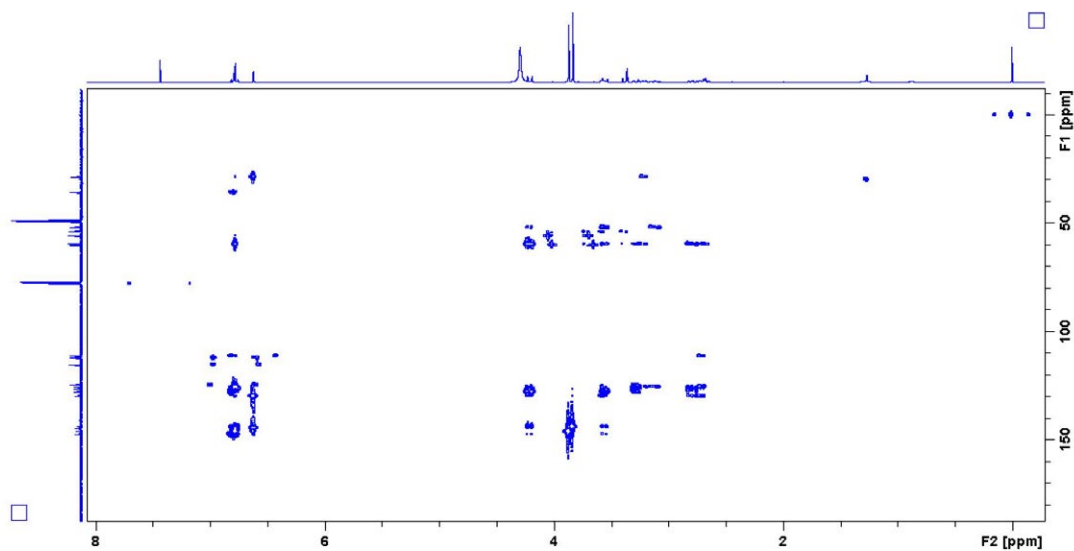


Figura 19S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of stepholidine (**15**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

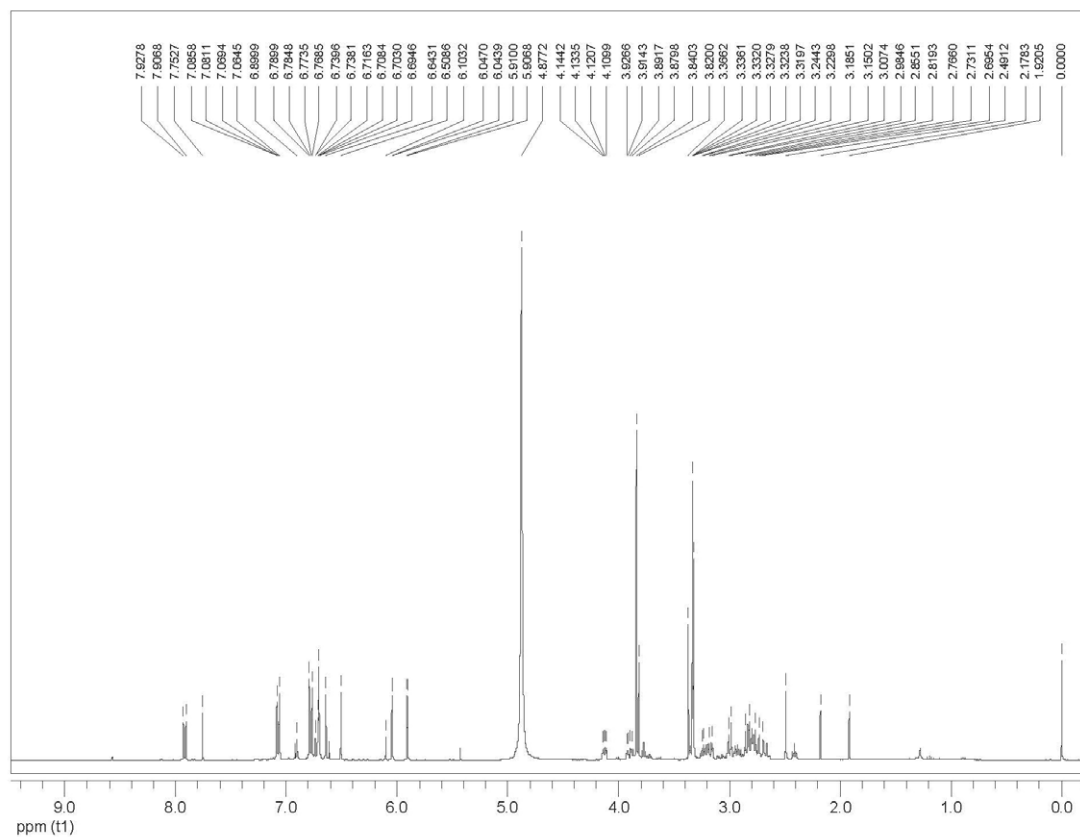


Figura 20S. ^1H NMR spectrum of the mixture of analobine (**13**) and coclaurine (**16**) in CDCl_3 + drops of CD_3OD at 400 MHz.

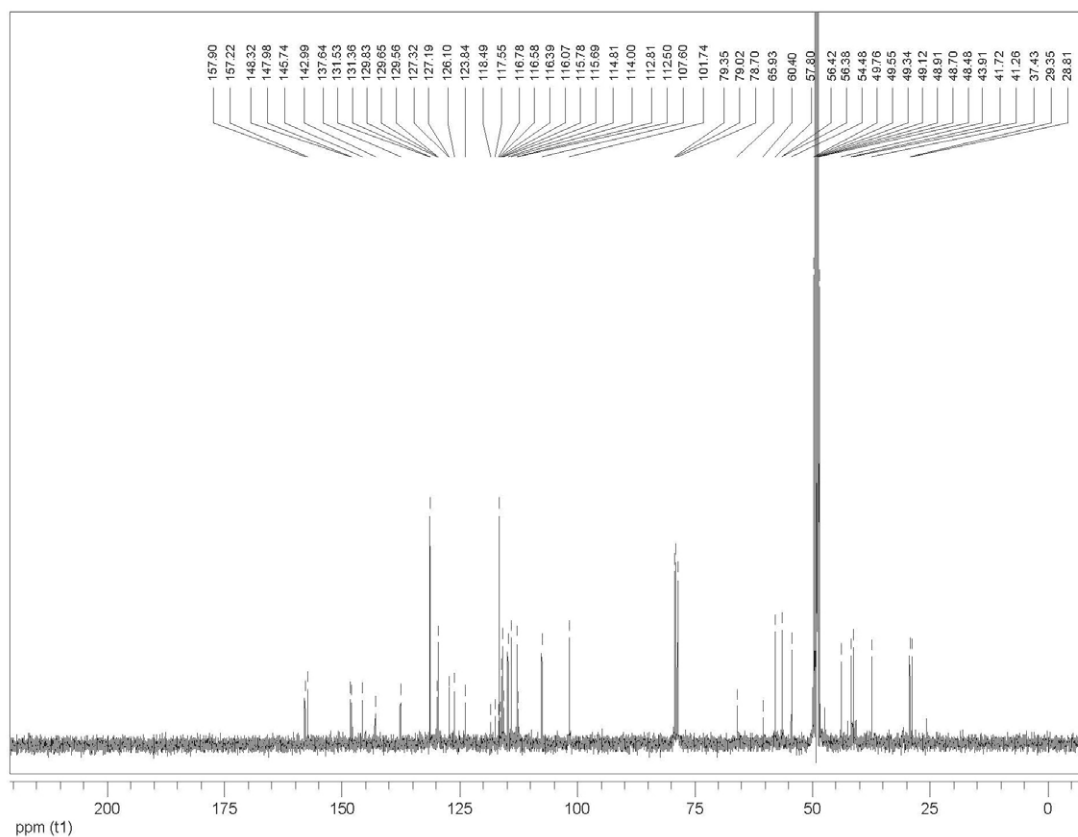


Figura 21S. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of the mixture of analobine (**13**) and coclaurine (**16**) in CDCl_3 + drops of CD_3OD at 100 MHz.

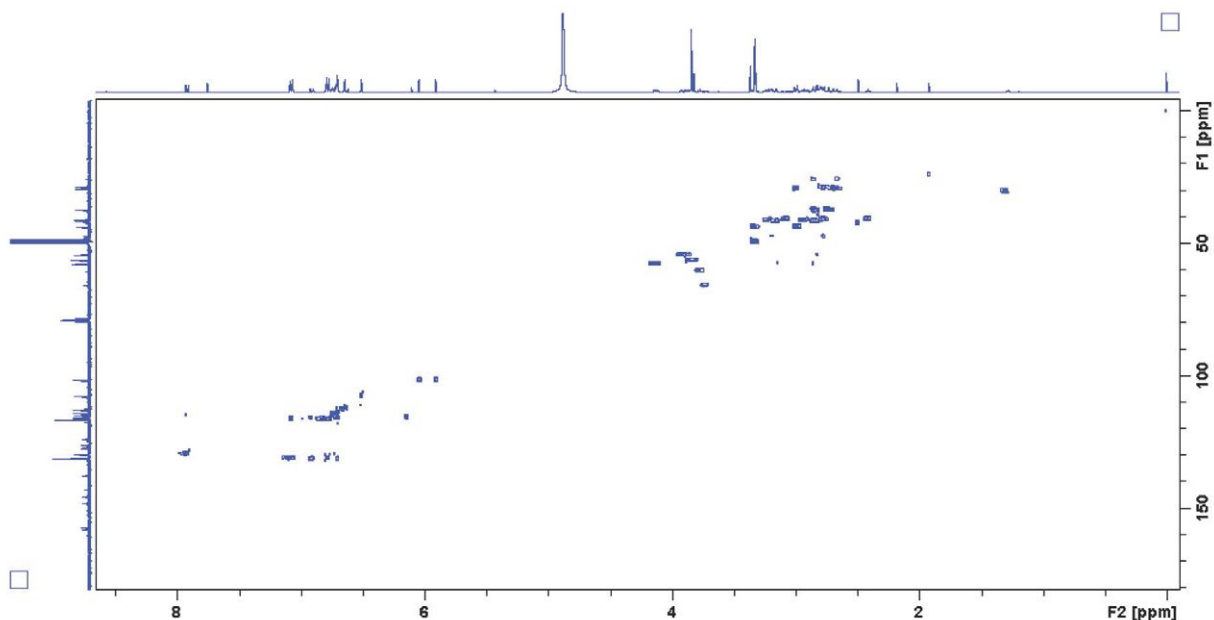


Figura 22S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of the mixture of analobine (**13**) and coclaurine (**16**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz.

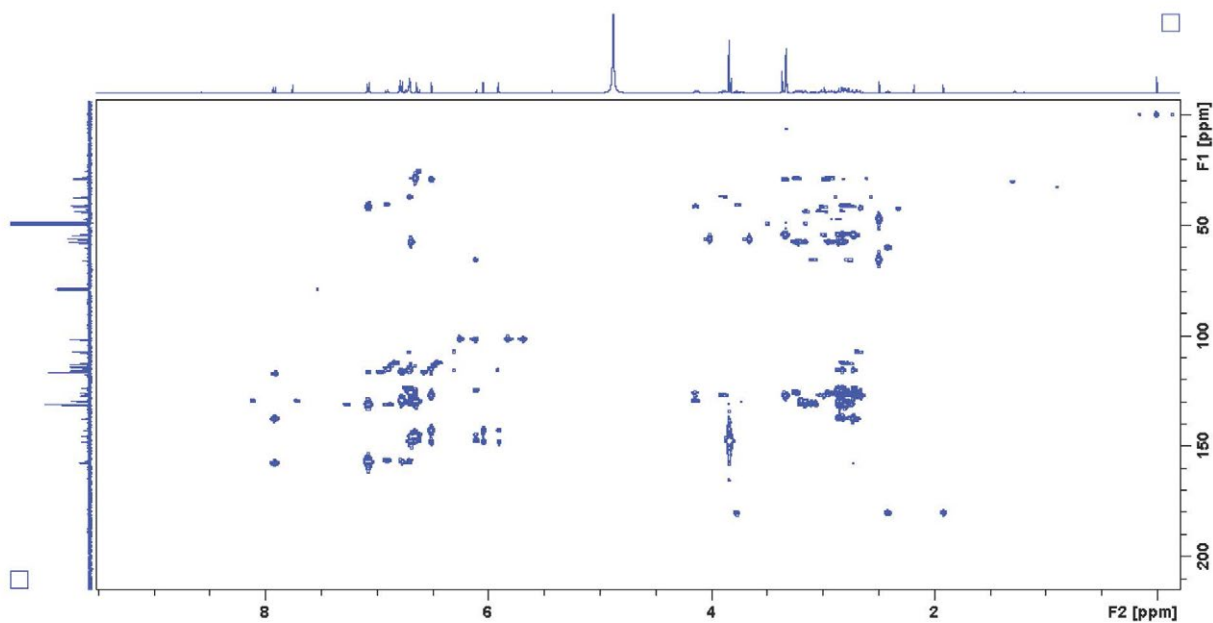


Figura 23S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of the mixture of analobine (**13**) and coclaurine (**16**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz.

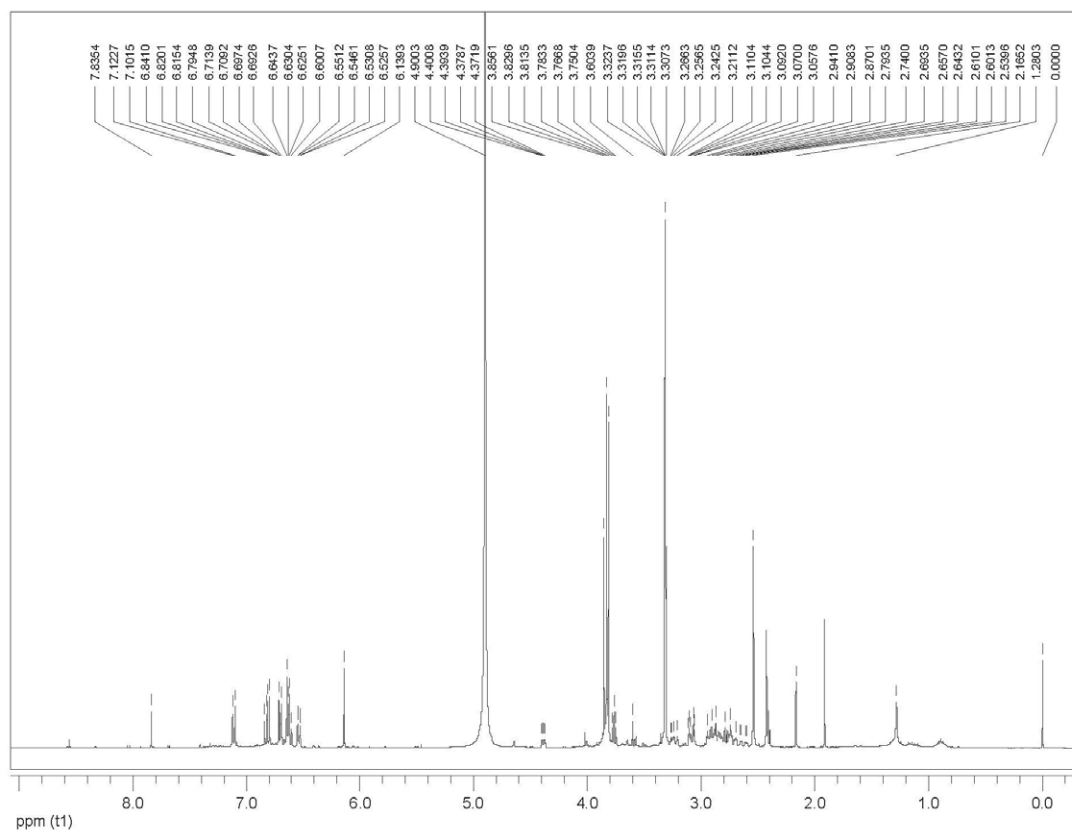


Figura 24S. ¹H NMR spectrum of the mixture of reticuline (17) and juziphine (18) in CDCl₃ + drops of CD₃OD at 400 MHz

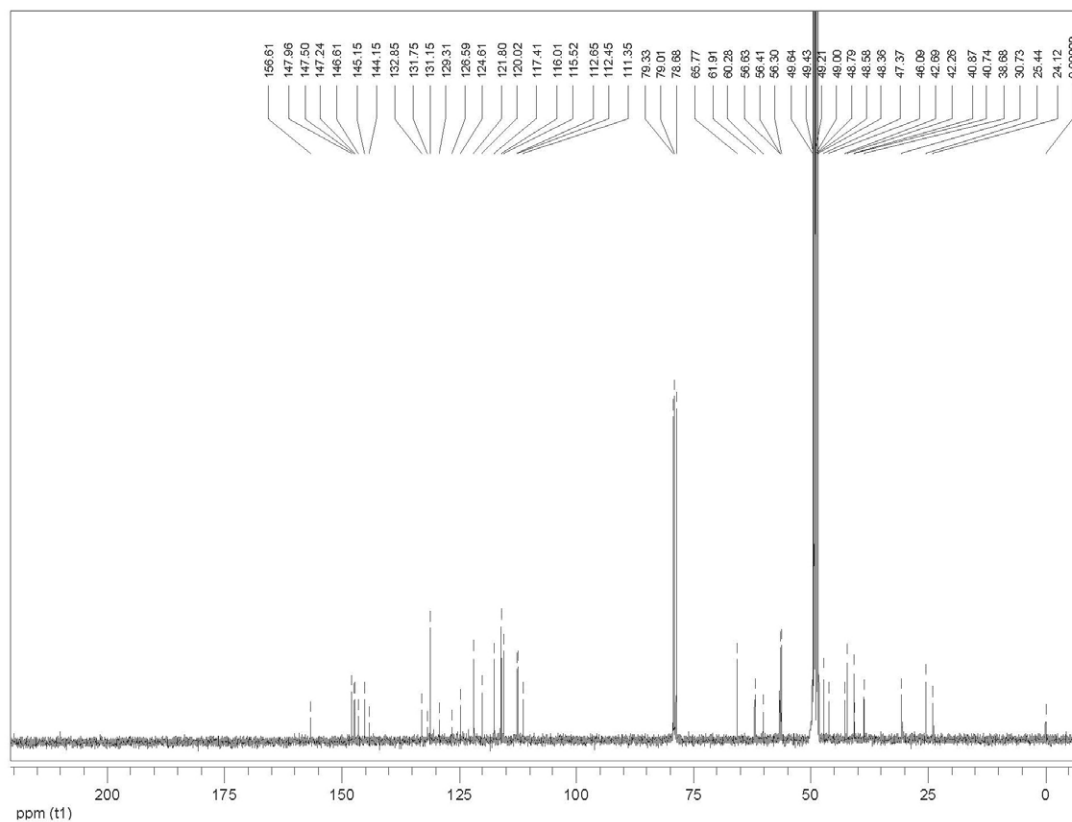


Figura 25S. ¹³C{¹H} NMR spectrum of the mixture of reticuline (17) and juziphine (18) in CDCl₃ + drops of CD₃OD at 100 MHz

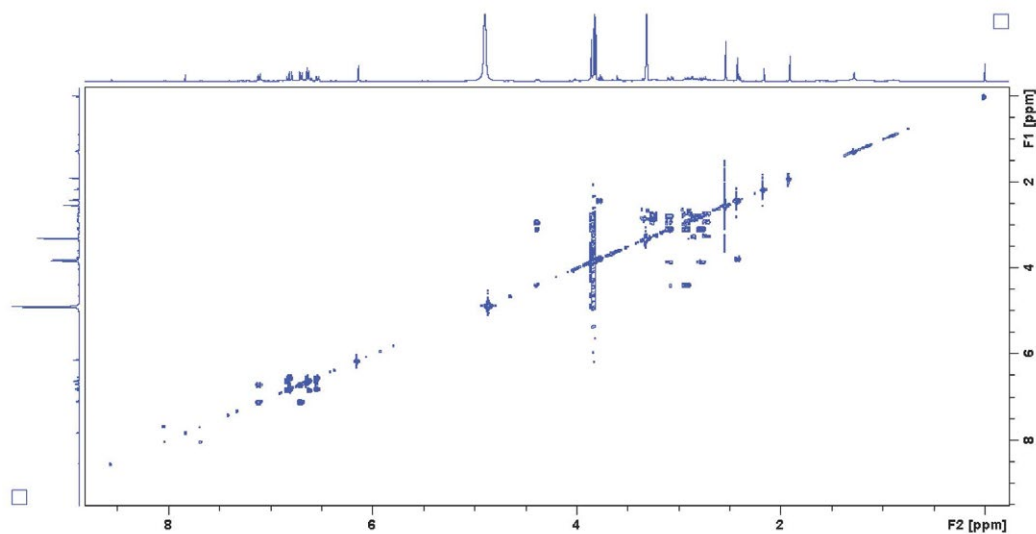


Figura 26S. ^1H - ^1H correlation map from COSY NMR experiment of the mixture of reticuline (**17**) and juziphine (**18**) in CDCl_3 + drops of CD_3OD at 400 MHz

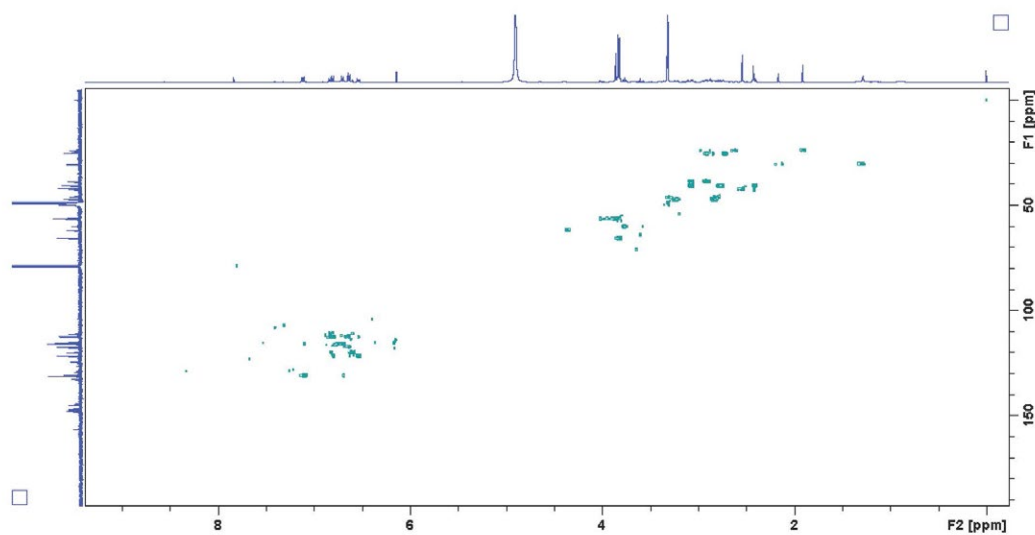


Figura 27S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of the mixture of reticuline (**17**) and juziphine (**18**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

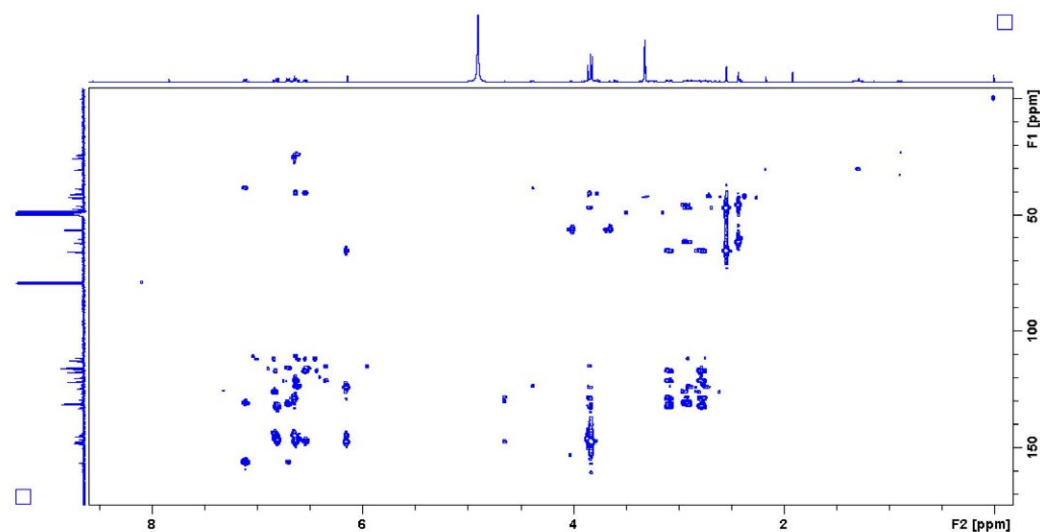


Figura 28S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of the mixture of reticuline (**17**) and juziphine (**18**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

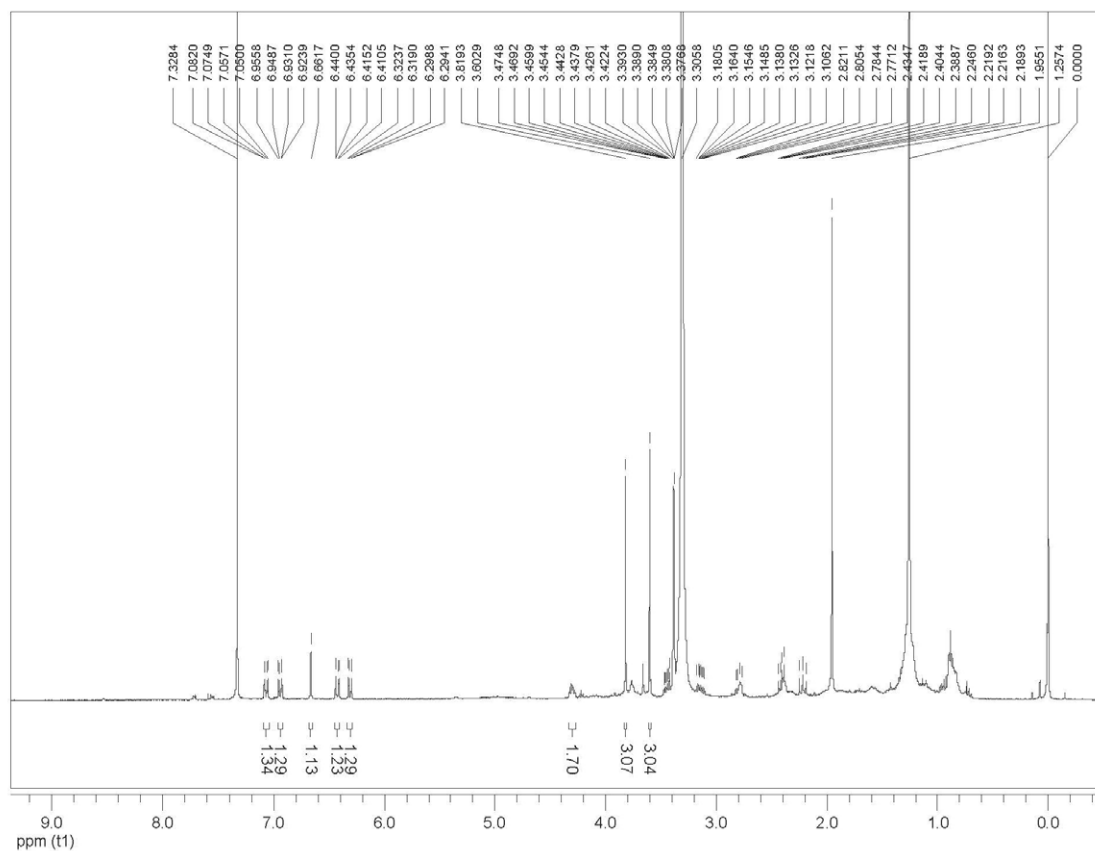


Figura 29S. ¹H NMR spectrum of stepharine (**19**) in CDCl₃ + drops of CD₃OD at 400 MHz

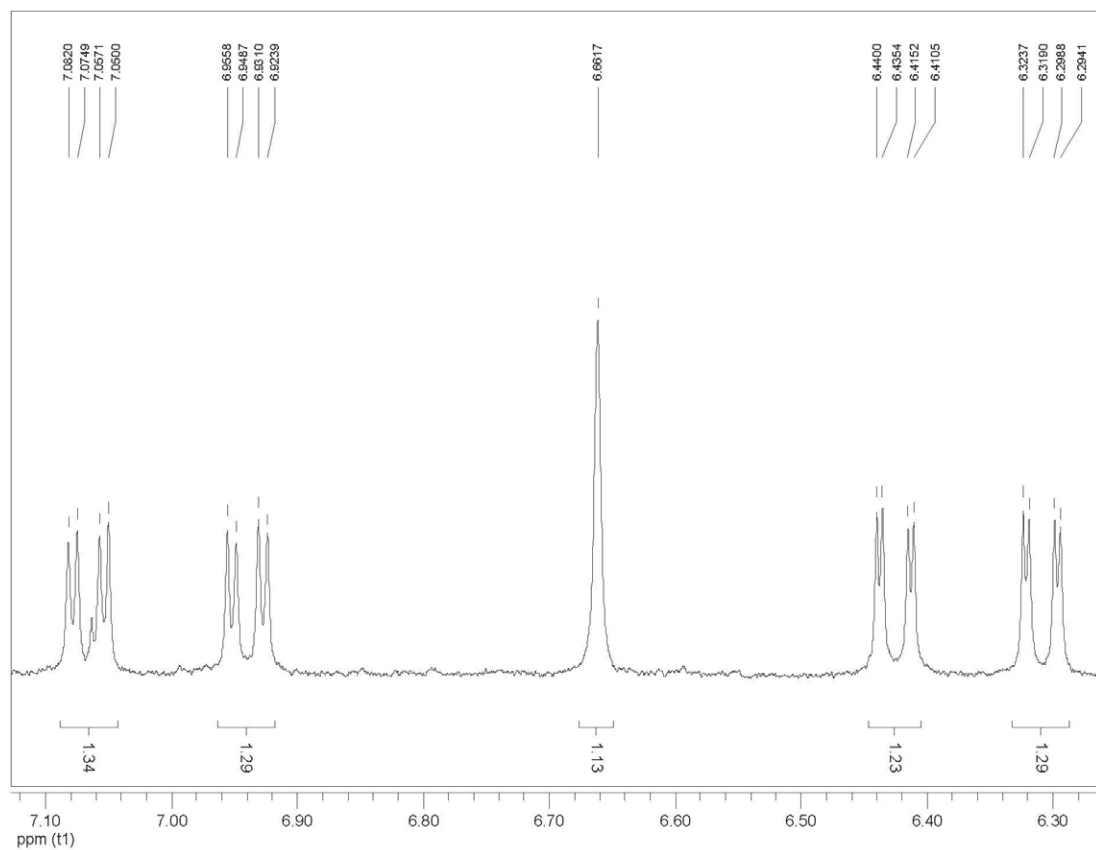


Figura 30S. ¹H NMR spectrum of the aromatic region of stepharine (**19**) in CDCl₃ + drops of CD₃OD at 400 MHz

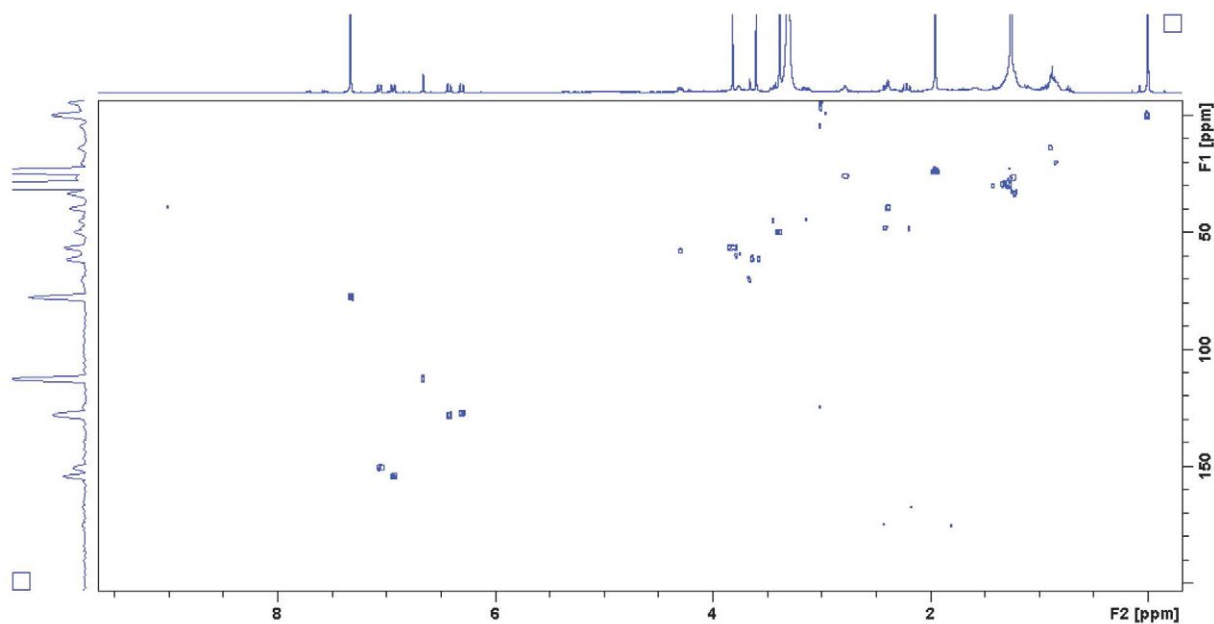


Figura 31S. ^1H - ^{13}C one-bond correlation map from HSQC NMR experiment of stepharine (**19**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz

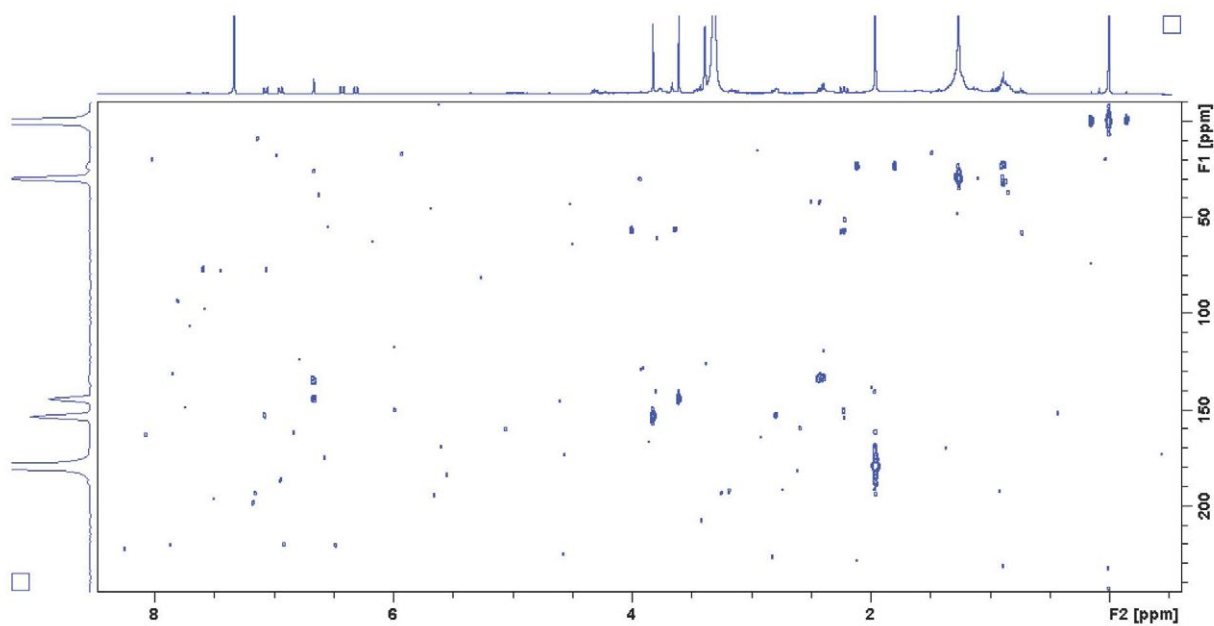


Figura 32S. ^1H - ^{13}C long-range correlation map from HMBC NMR experiment of stepharine (**19**) in CDCl_3 + drops of CD_3OD at 400 and 100 MHz