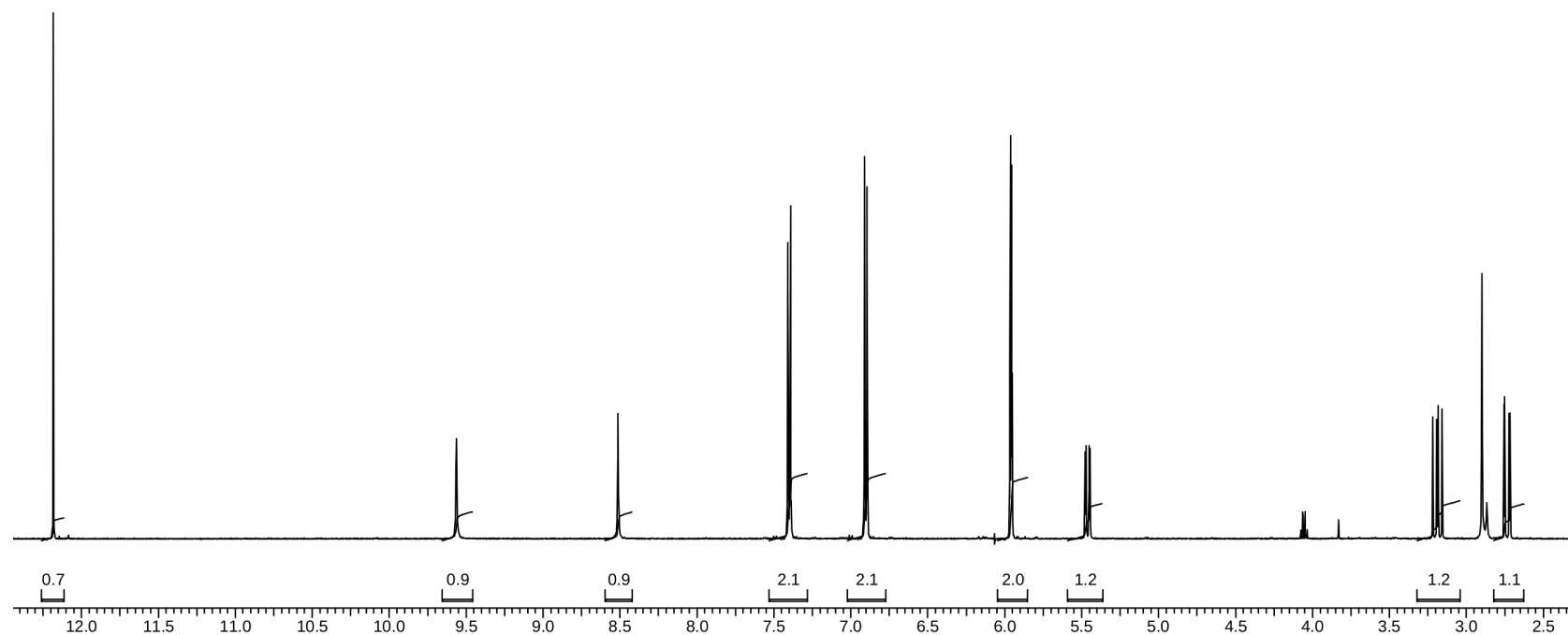
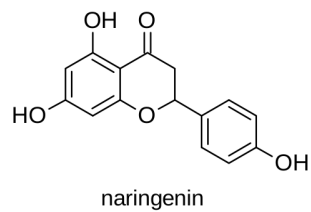


C8953
NMR structural analysis - seminar
2D NMR spectra, COSY

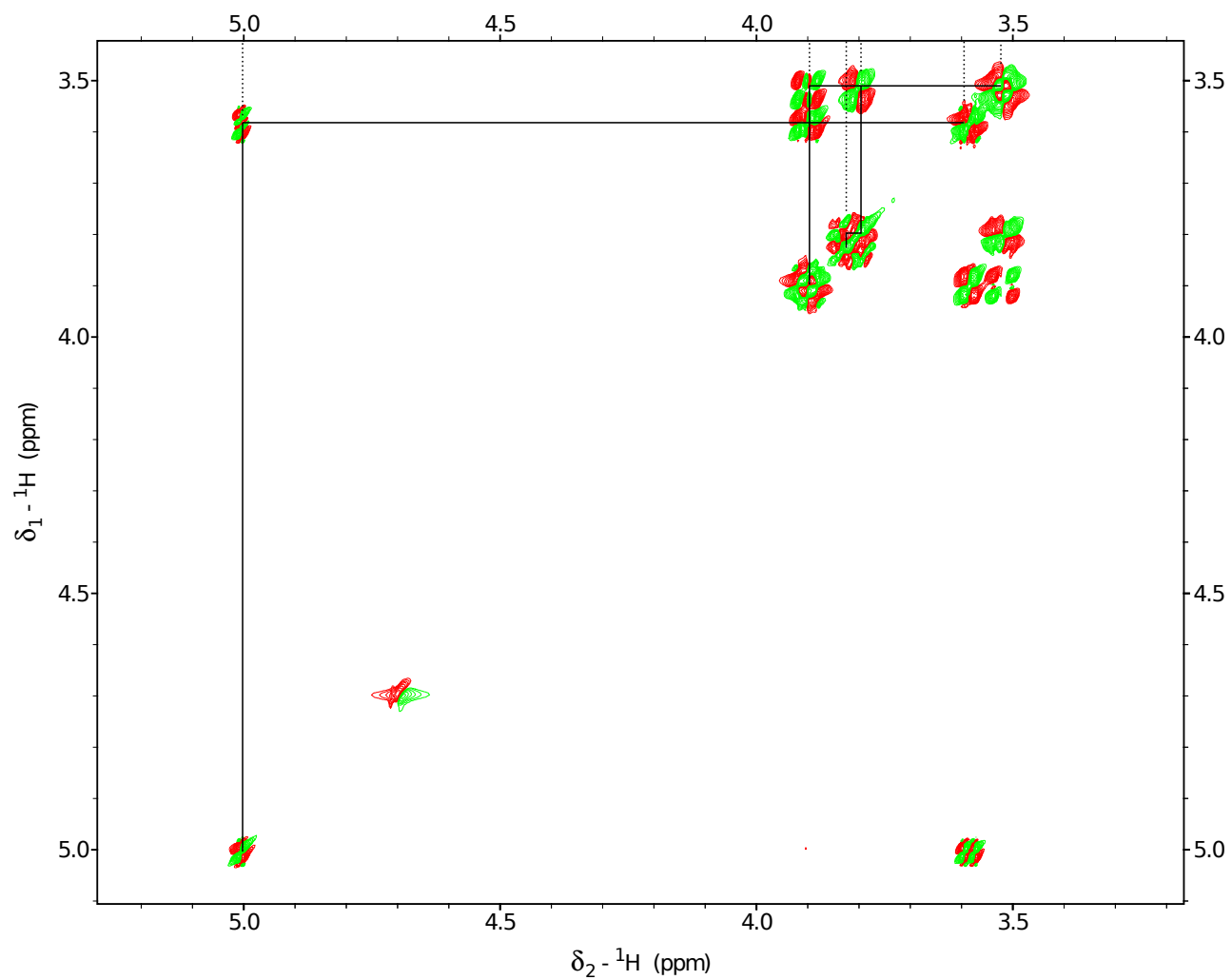
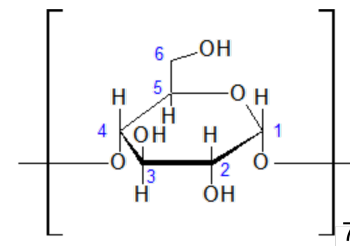
Jan Novotny
176003@mail.muni.cz

March 16, 2022

^1H NMR spectrum of naringenin in d_6 -acetone

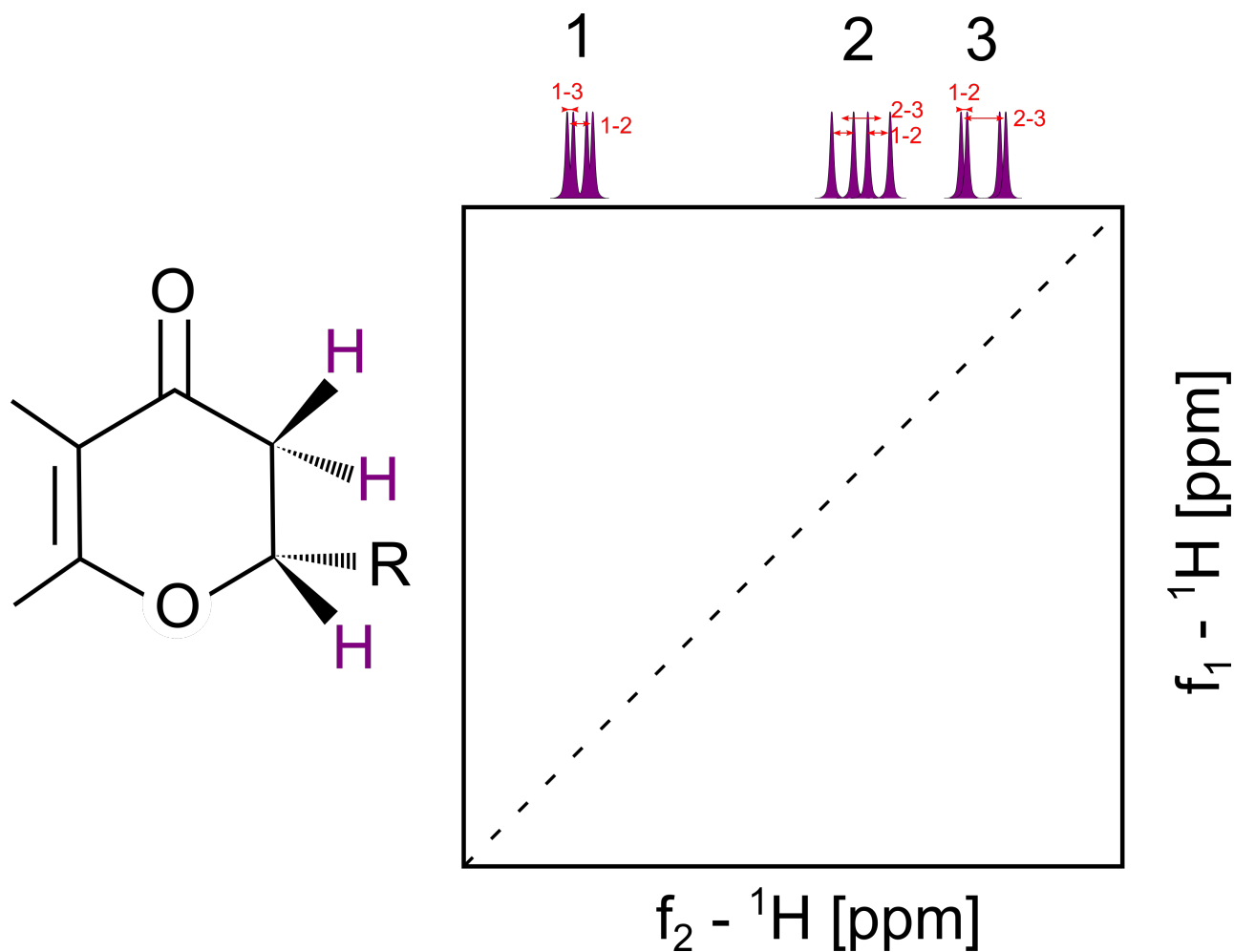


COSY : β -cyclodextrine

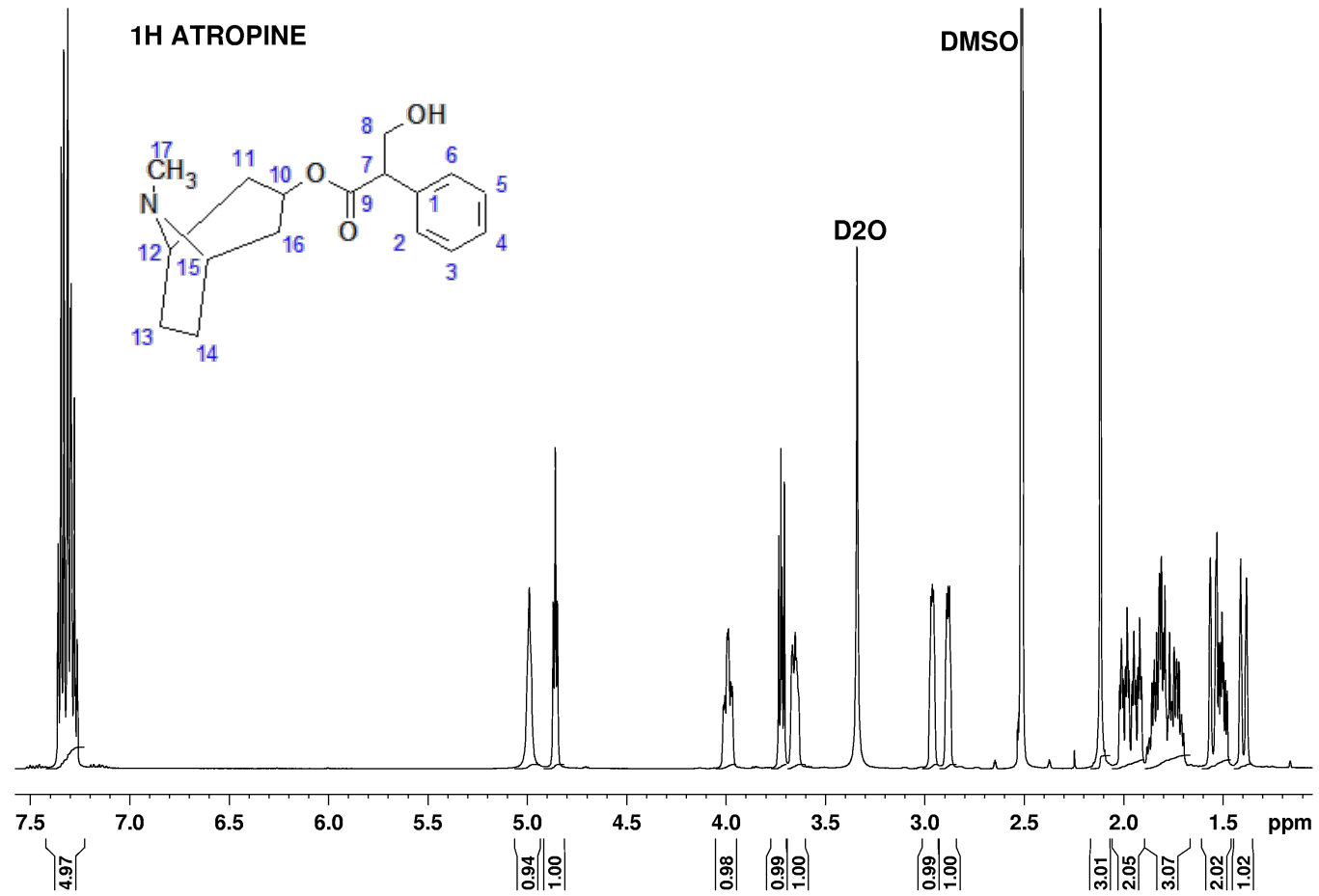


Phase sensitive COSY

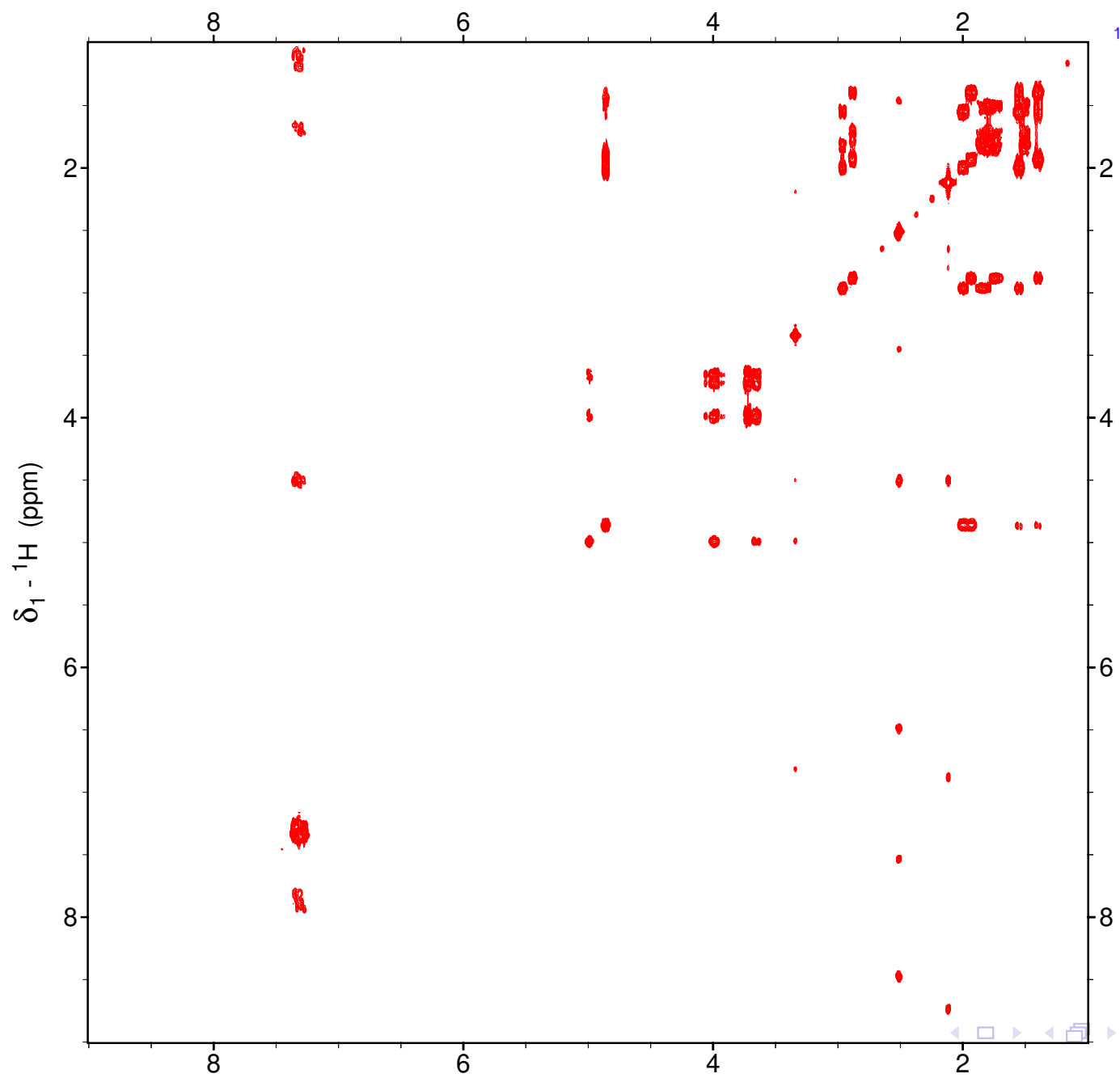
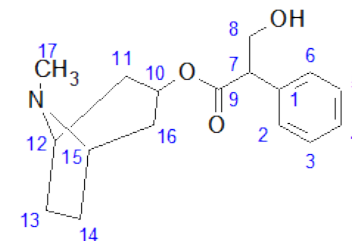
- ▶ direct vs. indirect dimension
- ▶ active coupling - antiphase crosspeak, passive coupling - in-phase



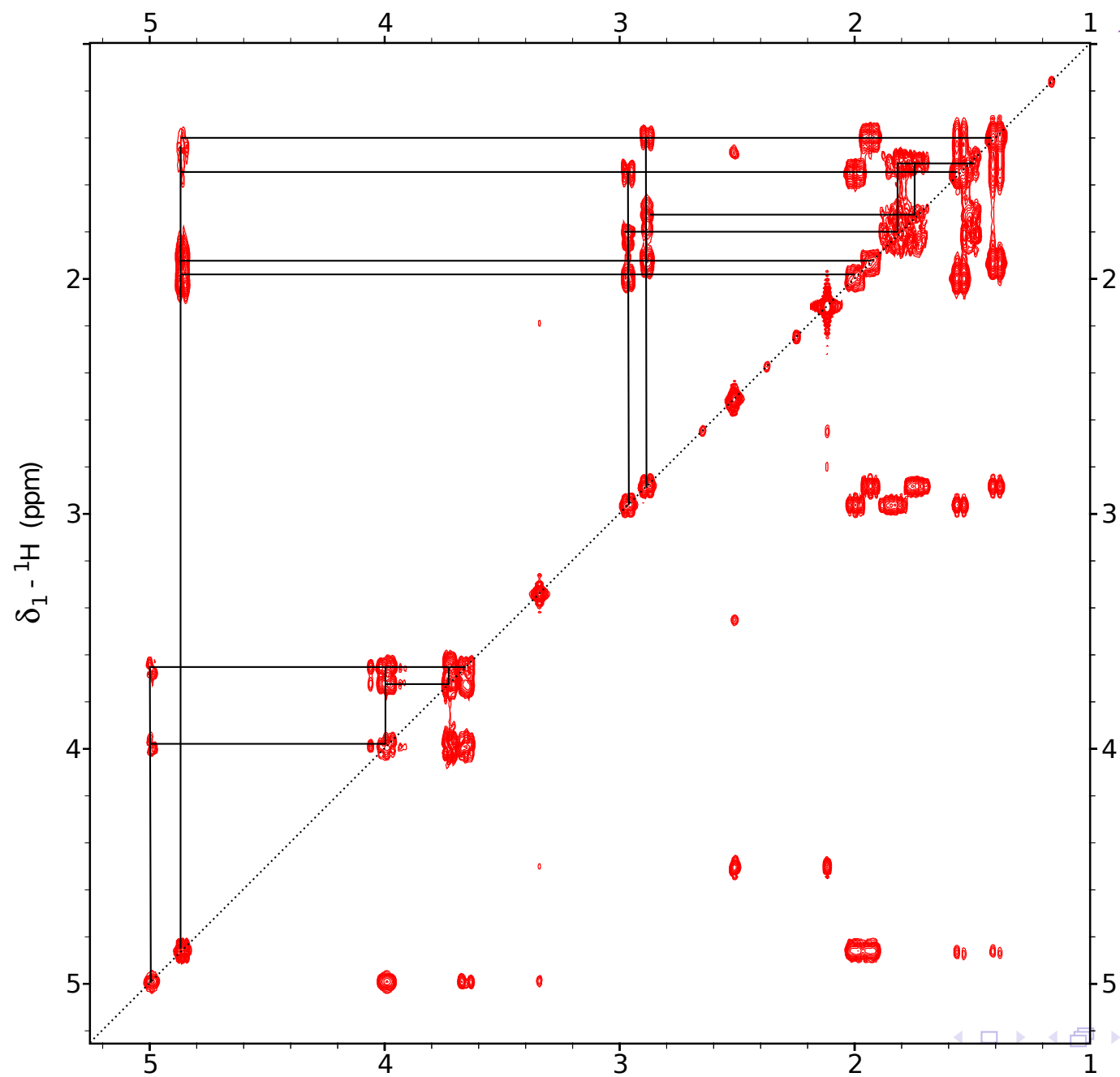
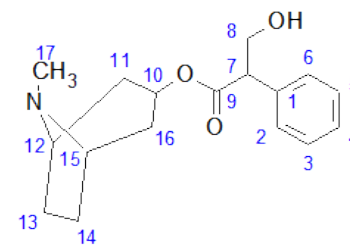
1D ^1H of Atropine in DMSO



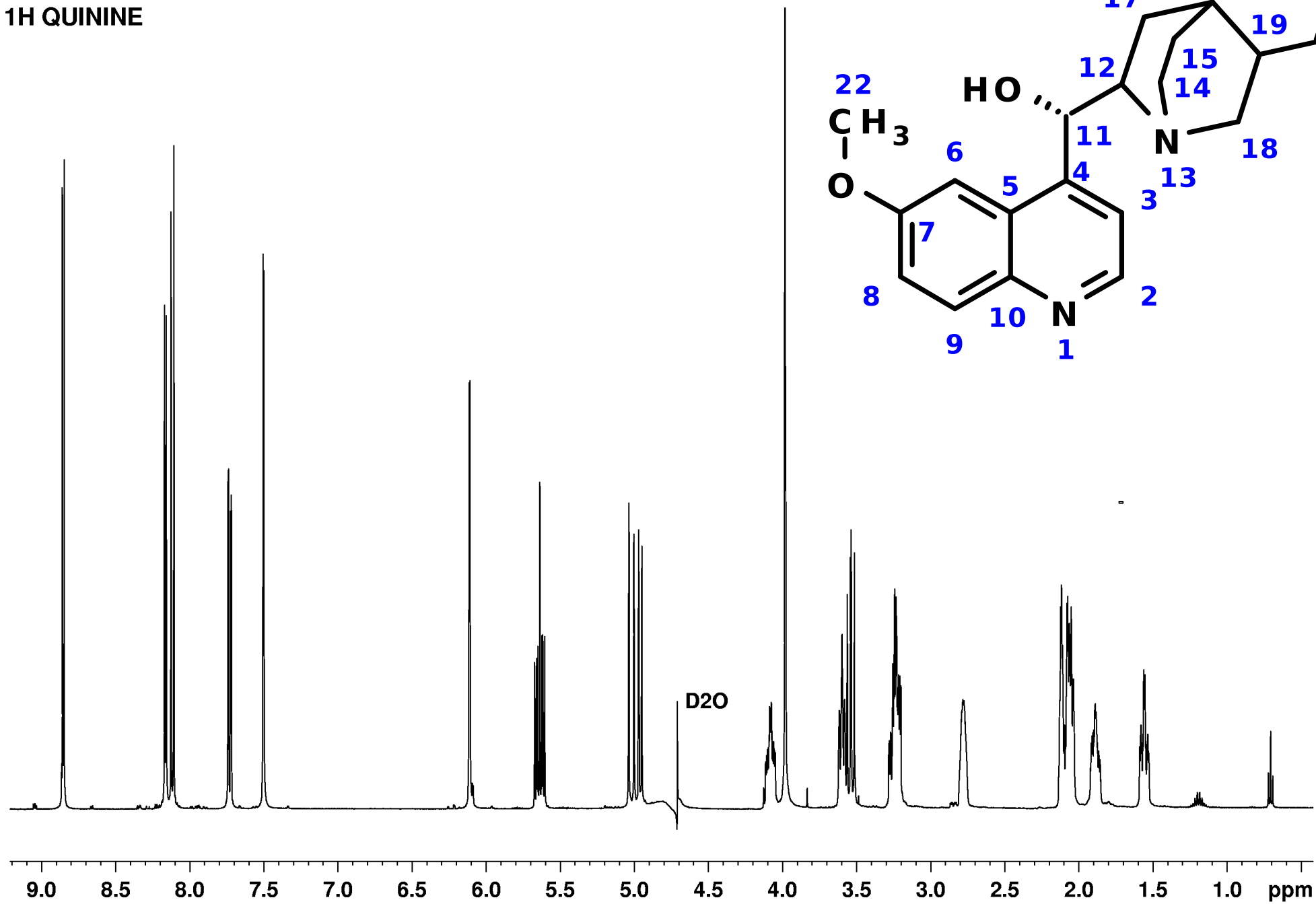
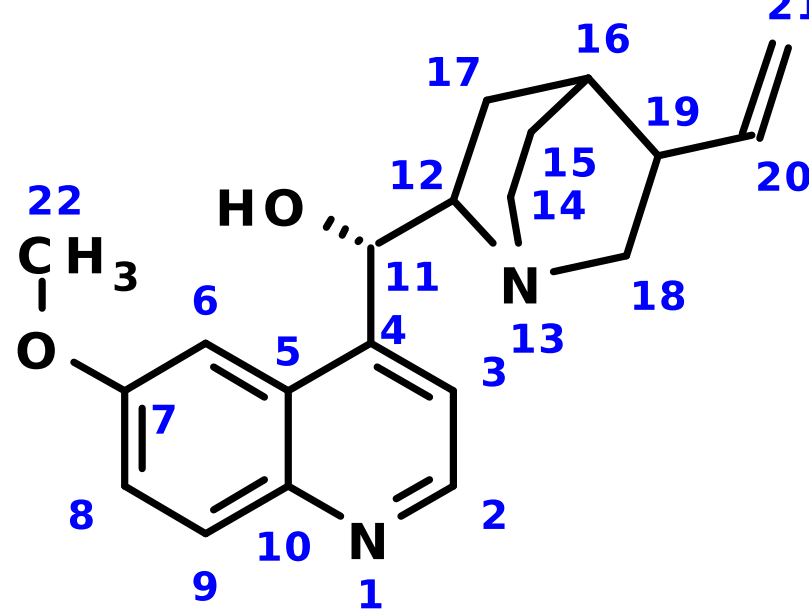
COSY : Atropine



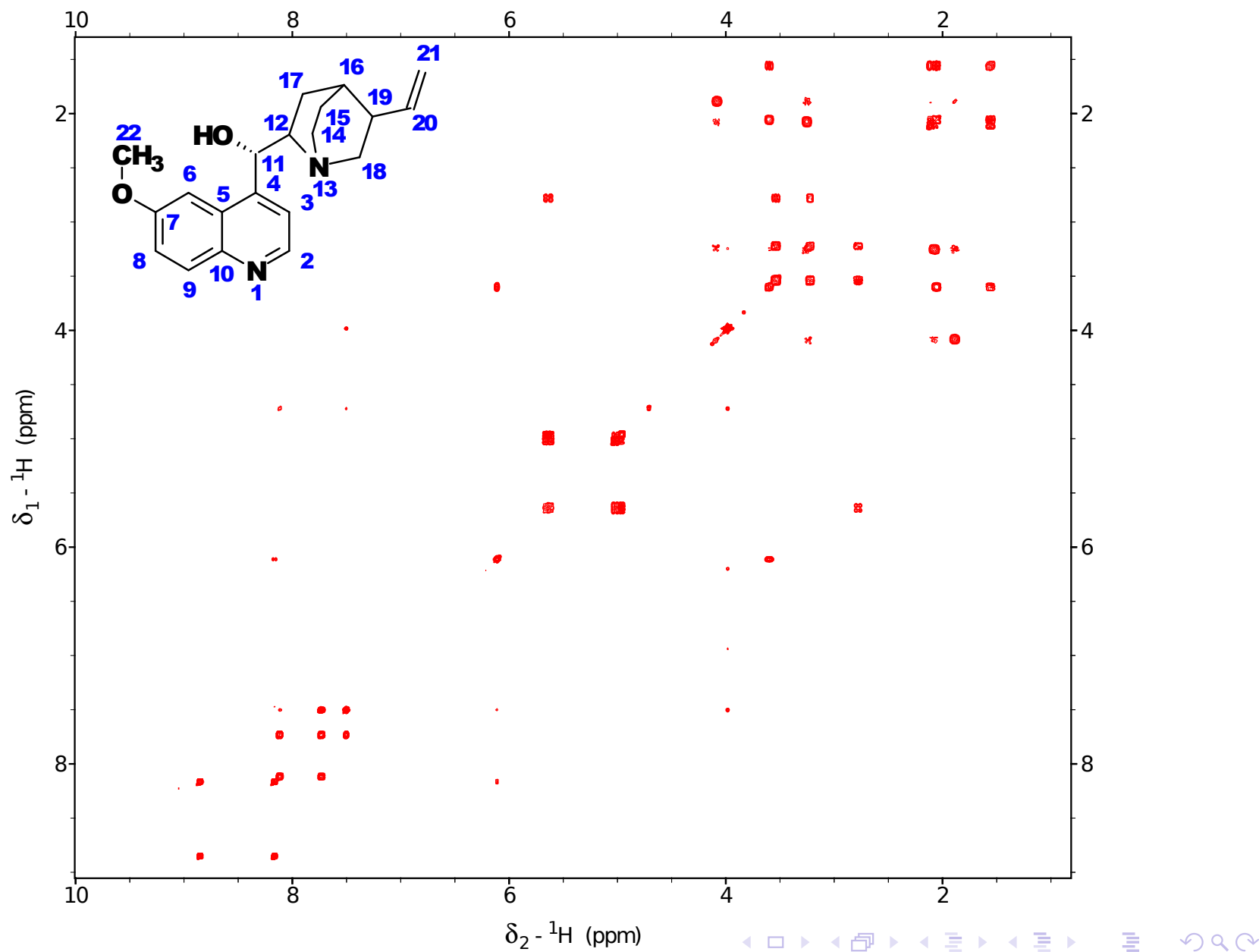
COSY : Atropine



1H QUININE



COSY - Chinin



COSY - Chinin

