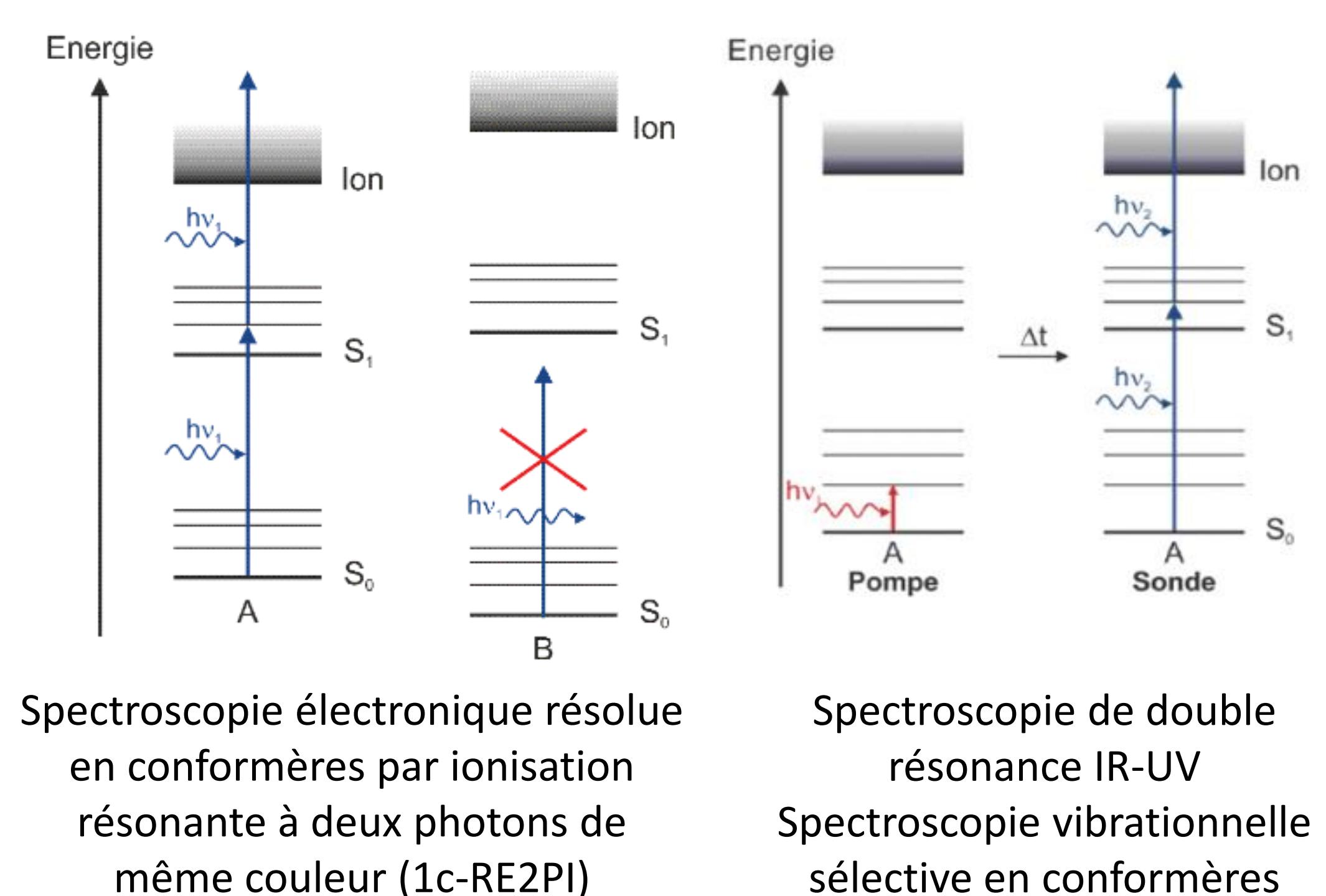
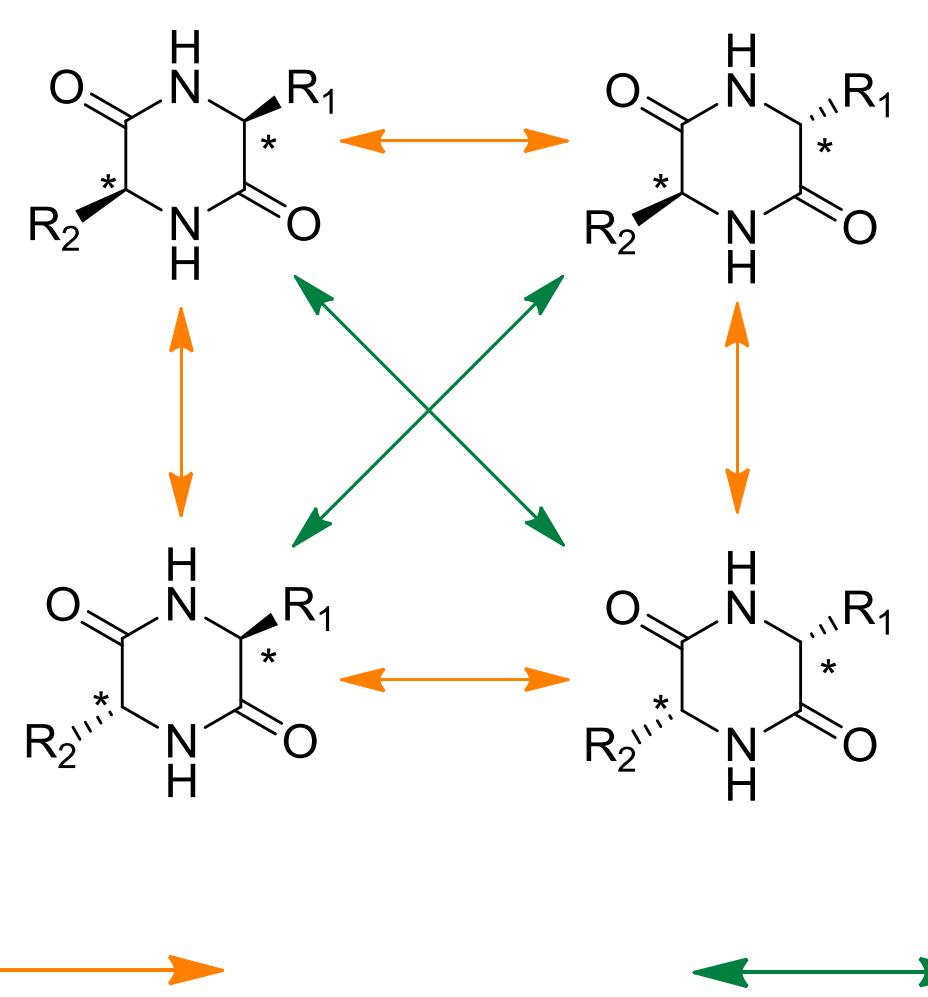


# SPECTROSCOPIE LASER EN JET SUPERSONIQUE

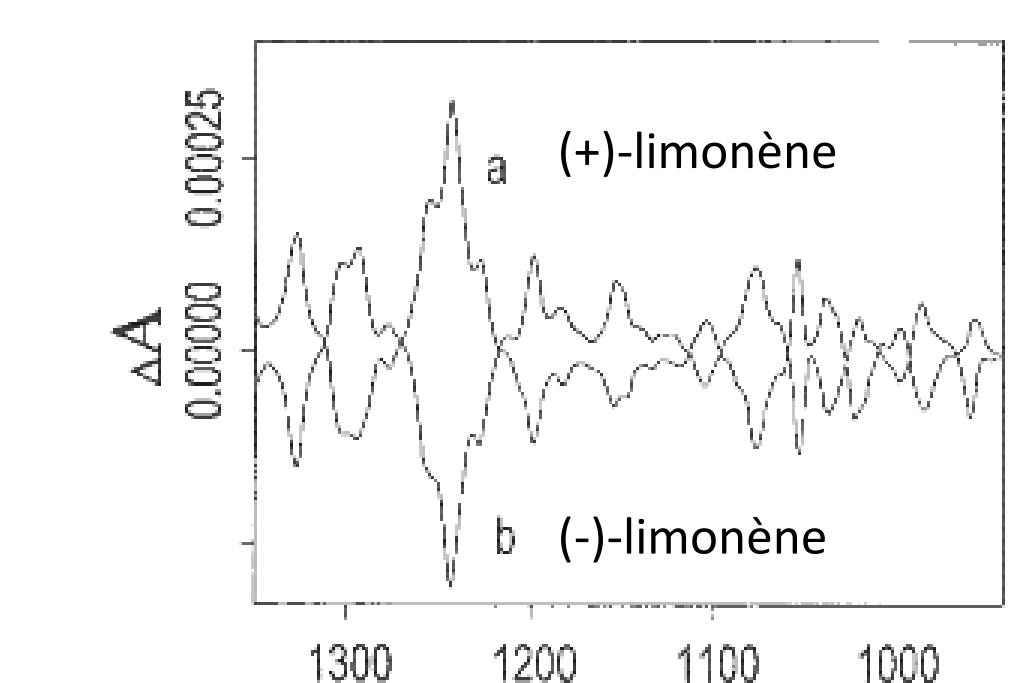


# DICETOPIPERAZINES (DKP)



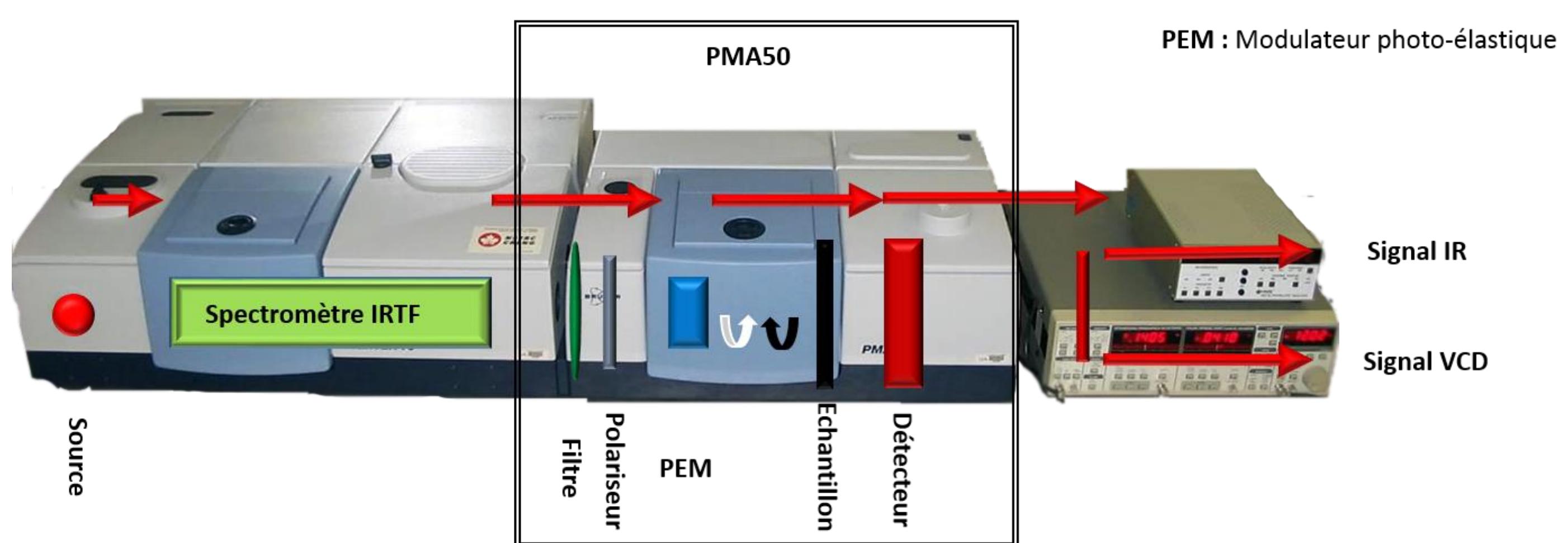
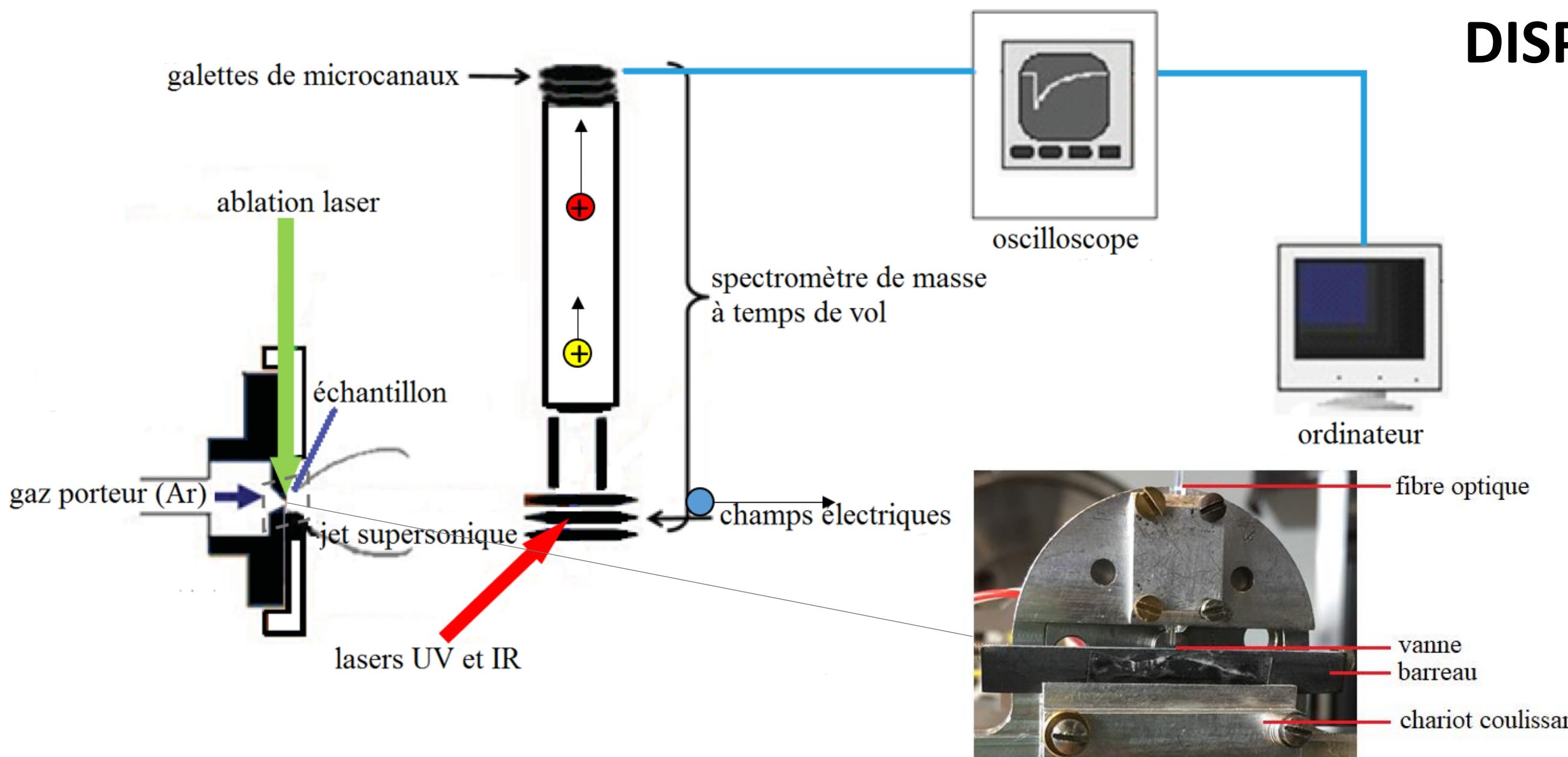
Diastéréoisomères	Enantiomères
Spectroscopie laser en jet supersonique	Dichroïsme circulaire en phase condensée

# DICHROÏSME CIRCULAIRE VIBRATIONNEL (VCD) EN PHASE CONDENSEE

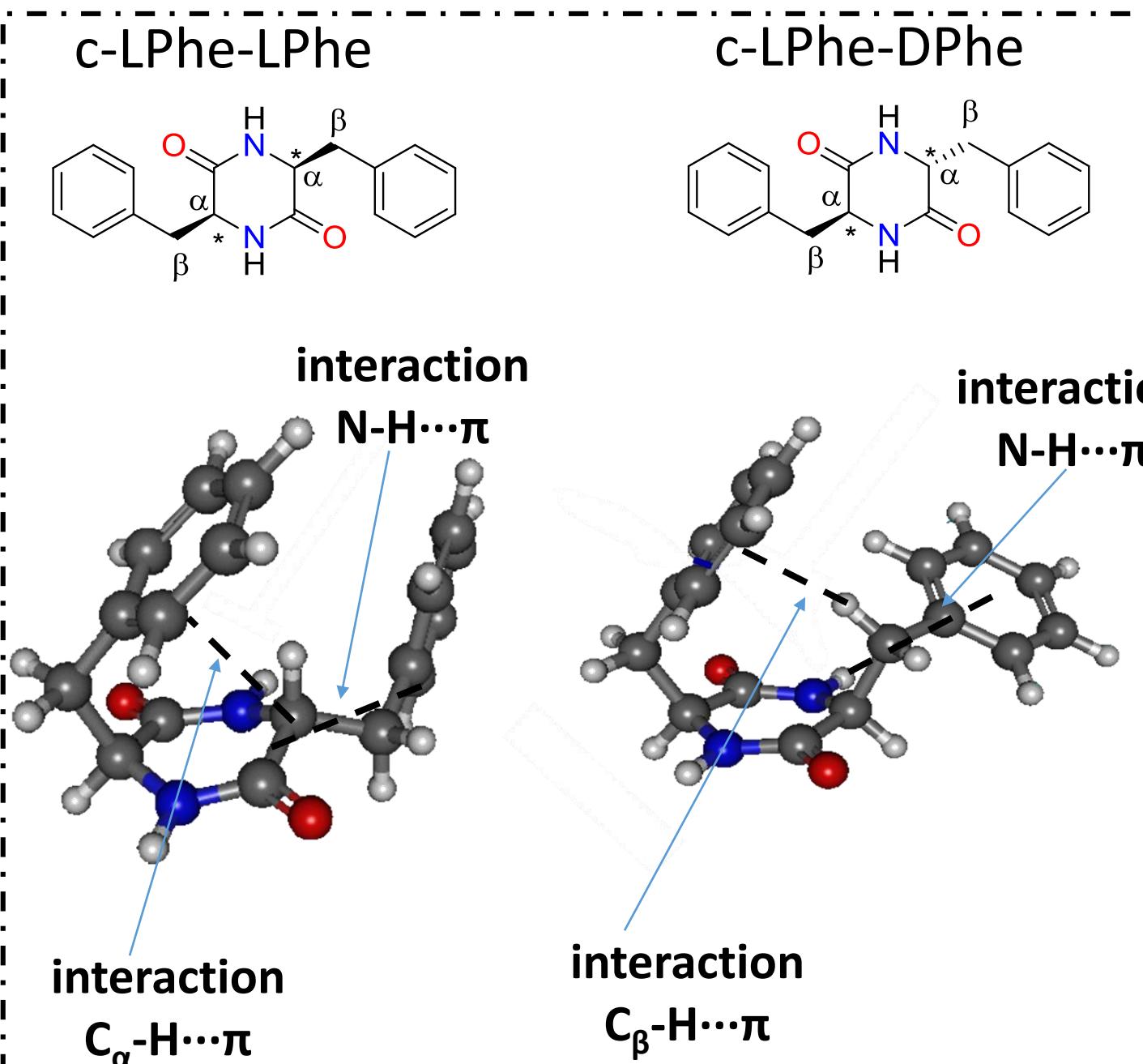


- $\Delta A(v) = A_G(v) - A_D(v) \neq 0$   
seulement pour des molécules chirales
  - $\Delta A(v)$  très faible
  - Sensible aux conformations et aux interactions moléculaires

# **DISPOSITIFS EXPERIMENTAUX**

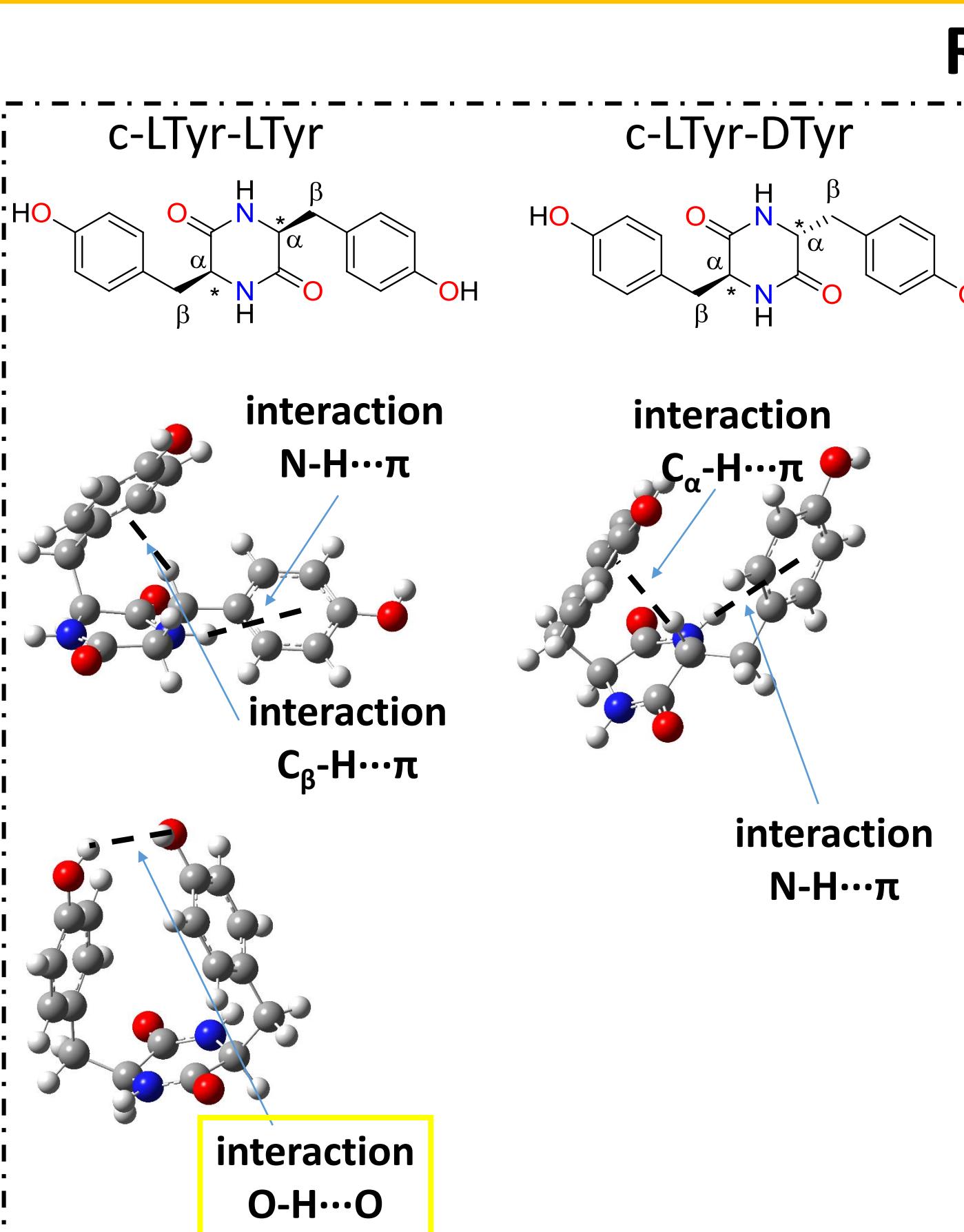


# En jet supersonique



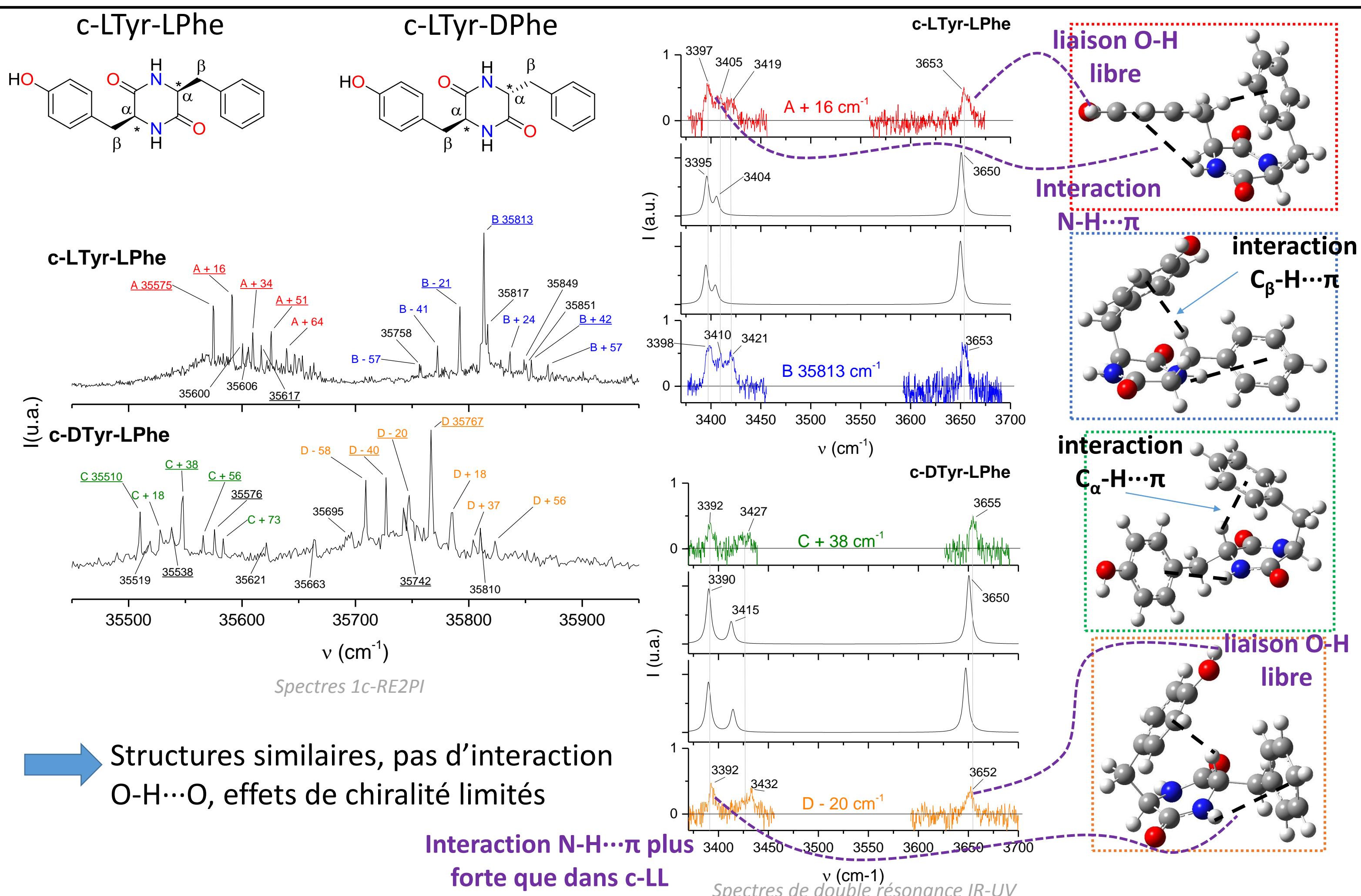
Alata et al., The Journal of Physical Chemistry, 2017

# En phase solide (dans KBr)

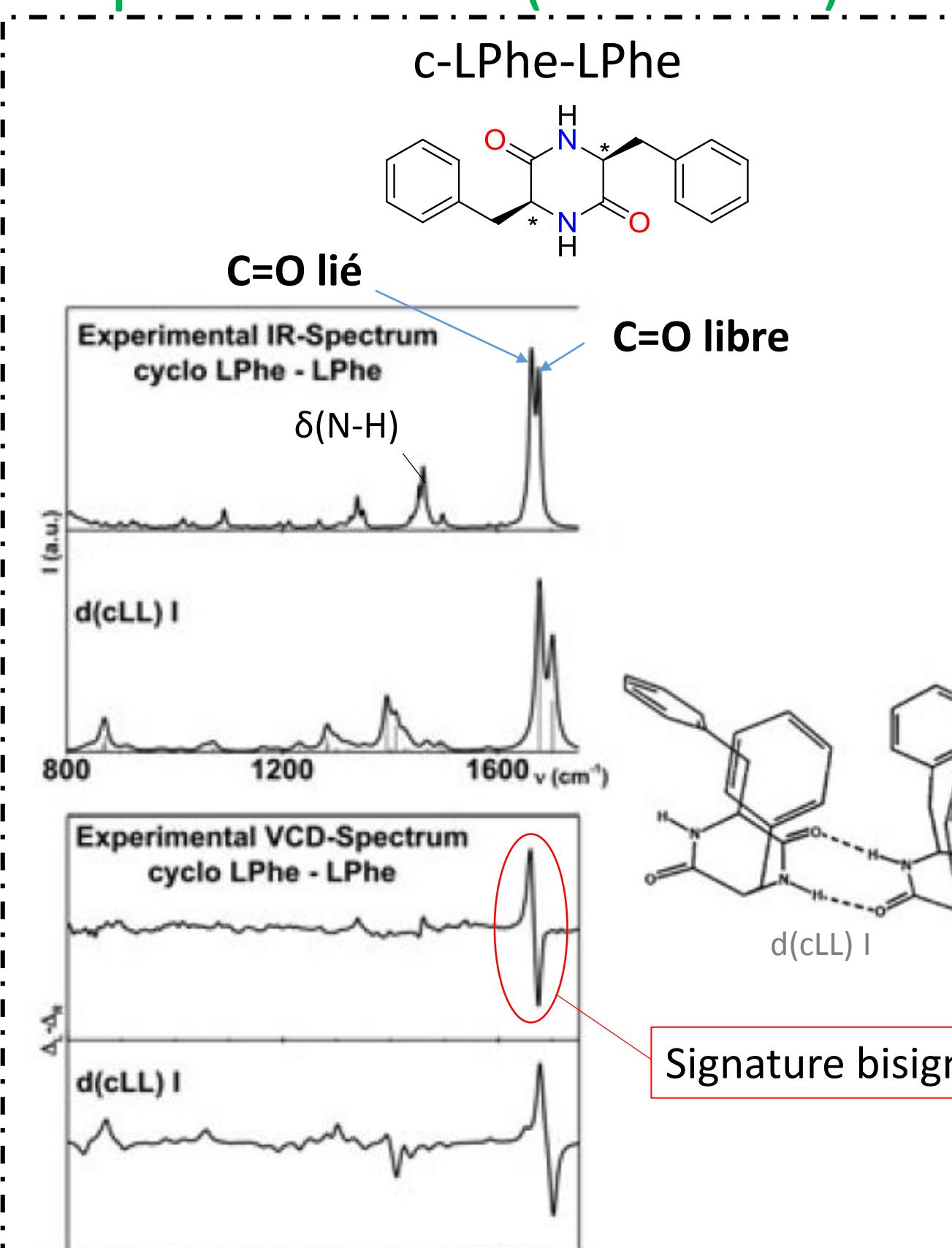


*BenNasr et al., Faraday Discussions, 2018*

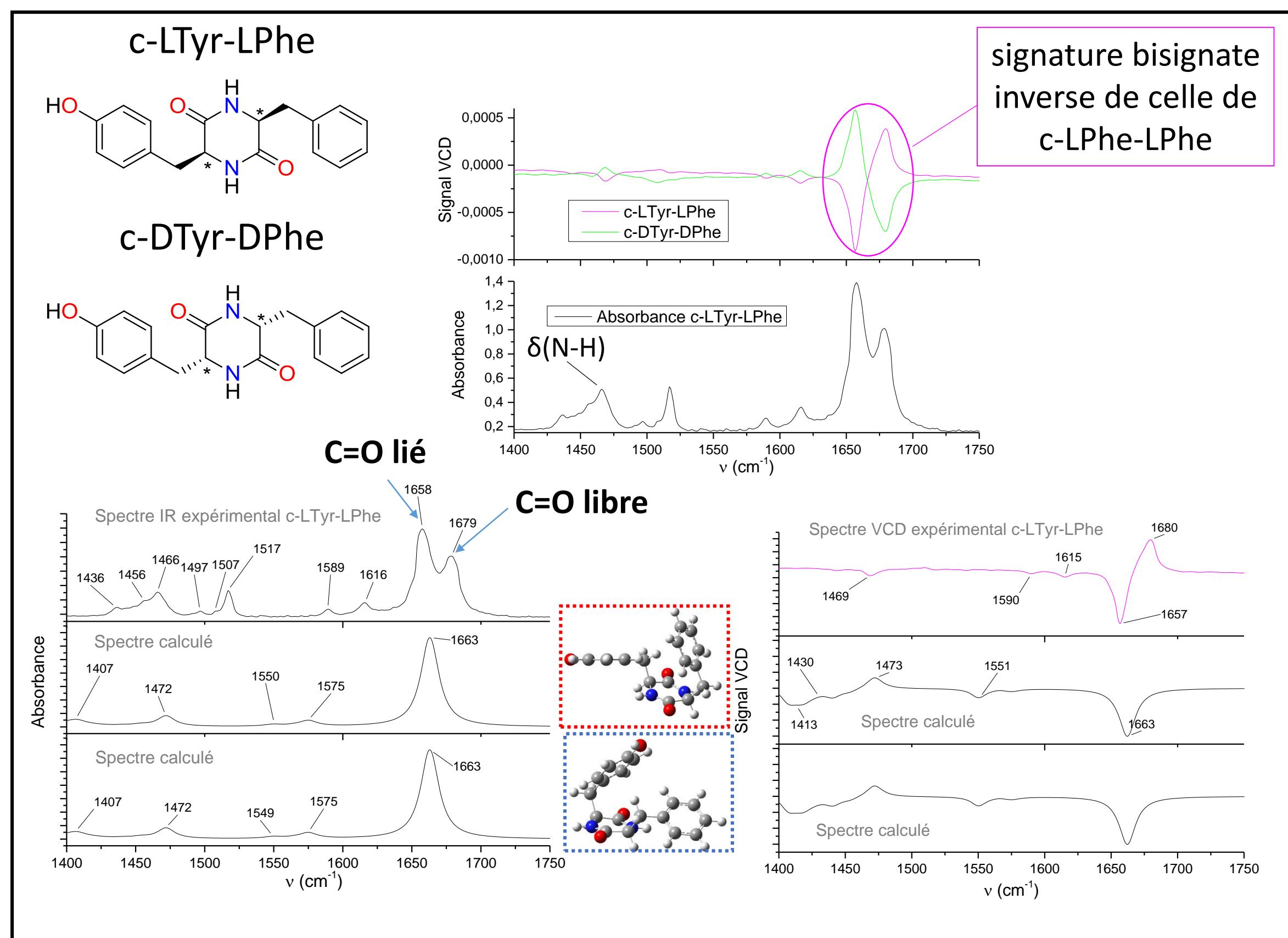
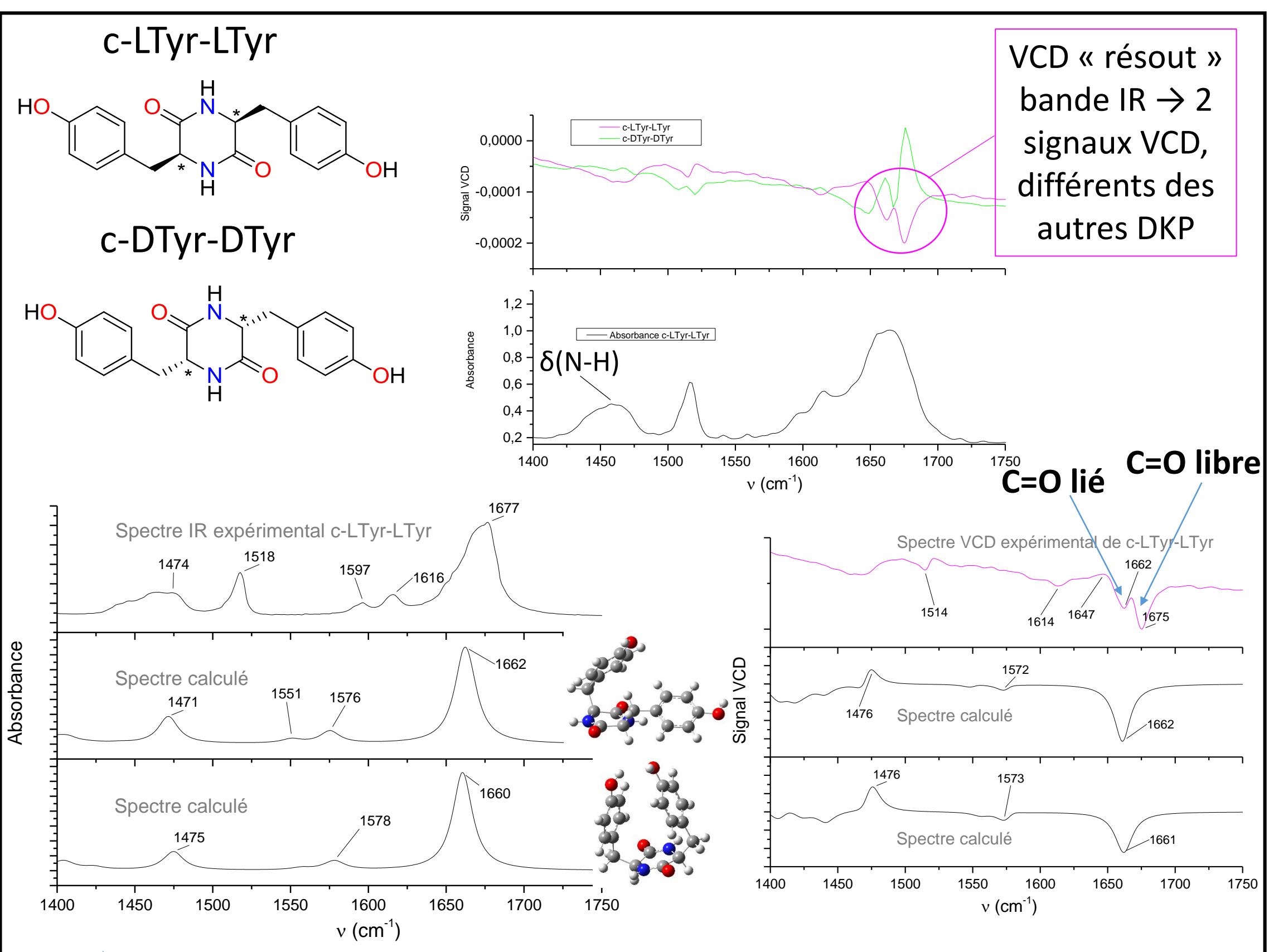
# RESULTATS



# En phase solide (dans KBr)



 Dimère lié par deux liaisons hydrogène  
 $\text{N-H}\cdots\text{O}$



 Mauvaise adéquation, on a très probablement des dimères et non des monomères

## Perspective : optimiser la géométrie de dimères