Symmetric stretching
$$(\omega_1)$$

H

Bending (ω_2)

H

Antisymmetric stretching (ω_3)

B

H

Bending $(1747.2 \text{ i cm}^{-1})$

H

Bending $(1747.2 \text{ i cm}^{-1})$

H

Symmetric stretching (4253.9 cm^{-1})

Antisymmetric stretching (4672.2 cm^{-1})