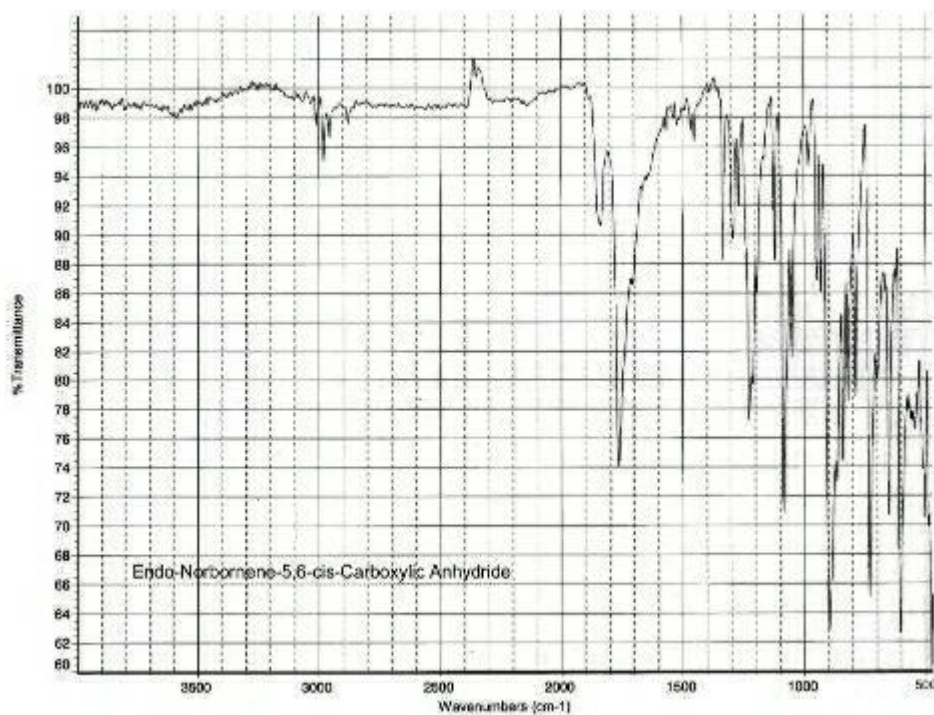


## Answer on Question #XXXXXX - Chemistry / Organic Chemistry

IR peaks that indicate cis-norbornene-5,6-endo-dicarboxylic anhydride



1785,1865  $\text{cm}^{-1}$ - C=O(C-7,C-8) group of anhydride (5 atom ring)

2800-3000  $\text{cm}^{-1}$ - C-H (C-5,C-6)peak of  $\text{Sp}^3$  carbon hydrogen bond

675-730  $\text{cm}^{-1}$ - (C-2,C-3)cis alkene peak

1380  $\text{cm}^{-1}$ - (C-9)C-H bond  $\text{Sp}^3$  carbon

