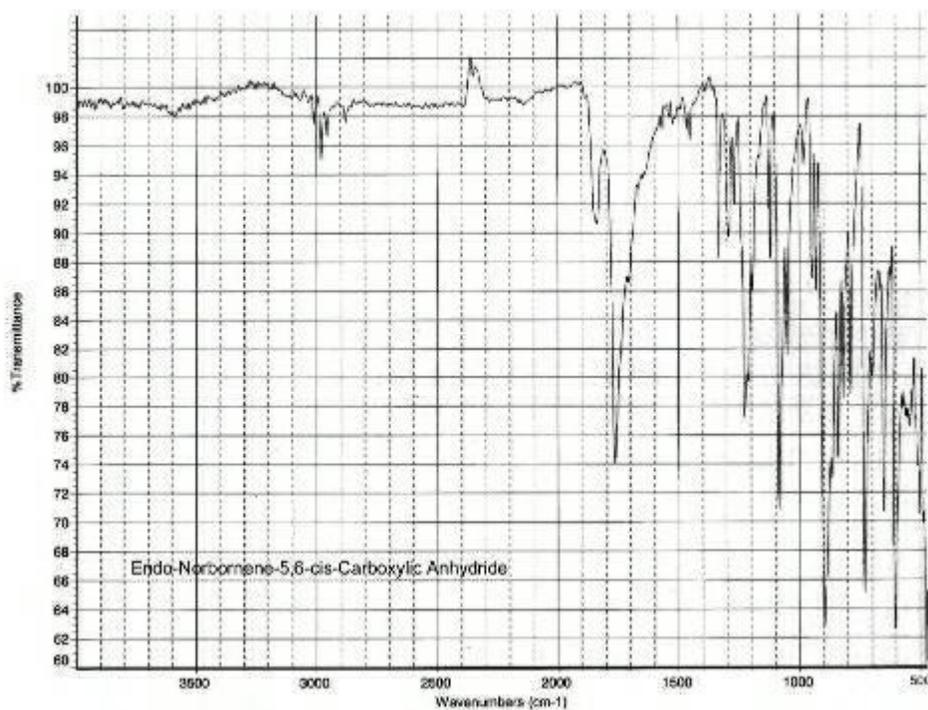


Answer on Question #74335 - Chemistry / Organic Chemistry

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



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

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

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

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

