

VIBRATIONAL SPECTRA AND NORMALLY  
COORDINATED ANALYSIS OF UNSATURATED  
PHOSPHORUS COMPOUNDS

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S u m m a r y

Vibrational spectra of phosphalkenes, phosphorus analogs of ethylene derivatives, have been studied. The spectra interpretation and vibrational frequency assignments were accomplished. P=C double bond vibrations characteristicity was discussed along with the calculation of the bond force constants for a number of molecules. The influence of structure effects on spectral properties of P=C bond has been considered.