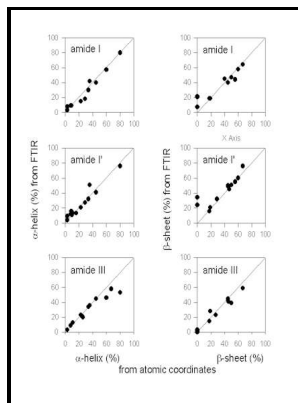


Hydrogen bonding and catalysis in acyl-chymotrypsins - a study by infrared spectroscopy

University of Birmingham - An Infrared Study of Intermolecular Interactions in Gaseous Hydrogen Bonded Molecular Complexes



Description: -

-Hydrogen bonding and catalysis in acyl-chymotrypsins - a study by infrared spectroscopy

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Tags: #Intramolecular #Hydrogen #Bonding #and #Conformation #of #Small #Peptides: #Variable

Comparative study of the hydrogen bonding properties between bis(fluorosulfonyl)imide/bis(trifluoromethyl)sulfonylimide

We measure degenerate 2DIR spectra by tuning the excitation and probing pulses both to the frequency region of carbonyl vibrations see Supplementary Discussion.

Infrared Spectroscopy of Intramolecular Hydrogen

Yohannan Panicker, Daizy Philip, James R.

Nuclear resonance vibrational spectroscopy probes hydrogen bonds

Only a few gas-phase studies have been achieved ,,,, and two nearly isoenergetic structures with D 2d and S 4 symmetry are found. HZSM-5 catalyst, 523 K and acetic acid were appropriate to promote C-acylation during gas phase guaiacol acylation. New membranes based on ionic liquids for PEM fuel cells at elevated temperature.

An infrared study of pyridine adsorbed on acidic solids. Characterization of surface acidity

In addition, the chronoamperometry tests demonstrated a lower poisoning rate for ethanol oxidation on the PtRuSn surface at the low potential of 0. Nature Chemistry 2020, 12 2 , 159-164.

Understanding photosynthesis: How plants use catalytic reactions to split oxygen from water

Vibrational spectra and point defect activities of icy solids and gas phase clusters.

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