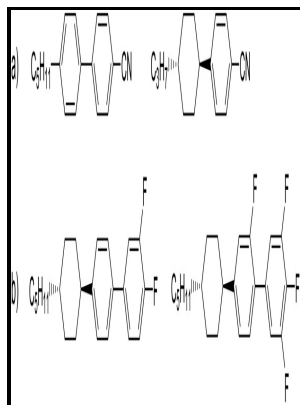


Photochemical studies of cyano-biphenyl crystals in the presence of electron donors.

University of Salford - Single photon triggered dianion formation in TCNQ and F 4 TCNQ crystals



Description: -

-Photochemical studies of cyano-biphenyl crystals in the presence of electron donors.

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Spectral hole burning of the primary electron donor state of Photosystem I

The room temperature structure was determined by single-crystal X-ray diffraction. Protonated states of the nitrogenase active site are mechanistically significant since substrate redn.

Publications

Charles University Press: Prague, 1989; p.

Electrogenic reactions on the donor side of Mn

By comparison with published flavin spectra , these DADS can be associated with the triplet state absorption of FMN.

Studies Leading to the Development of a Single

However, even small changes in the orientation of components can play a part in fine tuning ET processes.

Electron transfer pathways in a light, oxygen, voltage (LOV) protein devoid of the photoactive cysteine

Difference absorption spectra of iLOV-Q489D A and parental iLOV B extracted from TA datasets at indicated times. In Dynamics and mechanisms of photoinduced electron transfer and related phenomena, Mataga, N.

Photochemical cycloadditions via exciplexes, excited complexes, and radical ions

As an outstanding example, this concept was applied to the plasmonic, photoelectric conversion of visible to near-infrared wavelengths using

electrodes in which gold nanoblocks were elaborately arrayed on the surface of a single TiO₂ crystal. The sample was placed in air in the dark at room temperature for 6 months.

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