

Resonance Raman spectroscopic study of some napthylazo dyes.

University of Salford - A RAMAN



Description: -

-Resonance Raman spectroscopic study of some napthylazo dyes.

-Resonance Raman spectroscopic study of some napthylazo dyes.

Notes: MSc thesis, Chemistry.

This edition was published in 1984



Filesize: 67.66 MB

Tags: #Walking #the #Emission #Tightrope: #Spectral #and #Computational #Analysis #of #Some #Dual

A Raman spectroscopic study of photochromic benzothiazolium dyes

Clicking on the donut icon will load a page at altmetric. Inorganic Chemistry 2021, 60 1 , 130-139. The samples generally gave characteristic Raman spectra of the dyes, demonstrating that the technique is applicable for the forensic analysis of dyed black textiles.

[PDF] Resonance Raman Study of New Pyrrole

The Journal of Physical Chemistry A 2019, 123 28 , 5957-5968.

[PDF] Resonance Raman Study of New Pyrrole

Summers and Grace A Lowe and Jean-François Lefebvre and Simbarashe Ngwerume and M. Officer, Pawel Wagner, Keith C.

[PDF] Resonance Raman Study of New Pyrrole

The Supporting Information is available free of charge on the at DOI: In: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, Vol. Fluorescent dyes for moisture detection in organic solvents: Push-pull based phenothiazine aldehydes with large Stokes shifts.

Walking the Emission Tightrope: Spectral and Computational Analysis of Some Dual

Bands arising from both cis- and trans-isomers have been distinguished by comparing the spectra observed at different resonances and under different sample conditions.

A Raman spectroscopic study of photochromic benzothiazolium dyes

Inorganic Chemistry 2019, 58 15 , 9785-9795. The changes in vibrational frequencies have been correlated with changes in the UV—vis absorption maxima observed previously and which are due to solvent polarity variations, the complexation of the dye molecules containing a crown ether ring with Mg 2+, and the variations in molecular structure.

A RAMAN

Citations are the number of other articles citing this article, calculated by Crossref and updated daily. This article is cited by 7 publications.

Walking the Emission Tightrope: Spectral and Computational Analysis of Some Dual

Preliminary assignments of the bands have been made, allowing insight into the changes in structure and bonding which occur on photoisomerization. Journal of Photochemistry and Photobiology A: Chemistry 2020, 402 , 112804.

Related Books

- [Wawasan Nusantara adalah pandangan geopolitik bangsa Indonesia](#)
- [Bradfield, Berks, and Wolvercote, Oxon - notes from the parish registers, 16th & 17th cent.](#)
- [Oath](#)
- [King of the trail](#)
- [Anamorphic I/i - finding my own step through the \(my\)nfield of pheminism and art : autobiographical](#)