

# Dipole moments and infra-red spectra of two series of substituted phenolic benzyldeneanilines.

Derby and District College of Technology - Raman

Table 1	
Crystal data and refinement parameters of the title compound	
Formula	$C_{10}H_7NO_2$
Formula weight	255.31
Crystal color	Yellow
Crystal system	Monoclinic
Space group	$P2_1/c$
Z	4
a, b, c	13.6589 (8), 6.0320 (3), 20.1848 (11) Å
$\alpha, \beta, \gamma$	90, 124.606 (4), 90°
V	1368.79 (13) Å <sup>3</sup>
Radiation type	Mo K $\alpha$
$\mu$	0.08 mm <sup>-1</sup>
$T_{min}, T_{max}$	0.958, 0.981
Measured reflections	16076
Independent reflections	2832
Reflections with $I > 2\sigma(I)$	2071
Number of parameters	176
$\theta_{min}, \theta_{max}$	27.56°, 1.50°
Scan range	-17 < h < 17, -7 < k < 7, -26 < l < 26
$R[F^2 > 2\sigma(F^2)]$	0.0464
$wR(F^2)$	0.1225
S	1.051
$\Delta\rho_{max}, \Delta\rho_{min}$	0.17, -0.14 e Å <sup>-3</sup>

Description: -

-Dipole moments and infra-red spectra of two series of substituted phenolic benzyldeneanilines.

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Notes: Thesis (Ph. D.) - University of London, 1966.

This edition was published in 1966



Filesize: 33.28 MB

Tags: #Uncategorized

## 2017 publications citing ADF

JULIA BARNES, ' A comparative study of the permanently employed undergraduate women in The Ohio State University. Cl F F COOH OCH, F COOH FIG. Lewis when, in 1918, he calculated the absolute velocities of some gaseous bimolecular reactions on the basis of the concept of activation.

## 2017 publications citing ADF

Concerning the Resonance Raman Spectroscopy approach deliberately used by the inventors in the above cited U.

## Application Form

The first to be produced, low-density polyethylene, is made by a high-pressure, high-temperature uncatalysed reaction involving free radicals and has about 20—30 branches per thousand carbon atoms. The unusual phenomenon of op-substitution accompanied by nuclear deactivation is here encountered.

## Dipole moment and infra

Unit : 5 Work, Energy and Power Work done by a constant force and by a variable force, unit of work, energy and power. ~ ~8 Measurements An arts cle bye Clayton279 and others surveys the menthols and techniques used in the O. The Research Information Service wishes again to express its ap- preciation of the cooperation of the Registrars and the Deans of the universities in making possible this compilation.

## Raman

Electric potential and its calculation for a point charge, electric dipole and system of charges; Equipotential surfaces, Electrical potential energy of a system of two point charges in an electrostatic field. Second law of thermodynamics: reversible and irreversible processes.

**Paper chromatography and chemical structure: II. The chromatography of phenols, alkoxyphenols, coumaranols and chromanols. The use of group and atomic  $\Delta R_M$  values. Steric and electronic effects in chromatography**

Struik, Elsevier Scientific Publishing Co. EXAMPLE 10 Preparation of 4,4'-Bis(phenylglyoxal)tolane.

**The Hydrogen Bond. I. Intra**

Apart from the rather expensive and inferior methyl rubber produced in Germany during World War I, the first industrial production of synthetic rubbers took place in 1932, with polybutadiene being produced in the USSR, from alcohol derived from the fermentation of potatoes, and neoprene polychloroprene being produced in the USA from acetylene derived from coal. An organic or organoelement, linear or branched, monomeric or polymeric composition of matter having a Raman-active component in the form of particles. In their method, a transmitter radiates waves of a given frequency into one end of a closed waveguide; they are reflected by the metallic boundary at the other end.

## Related Books

- [Grazie del Foscolo](#)
- [Hong Kong and the crisis in China 1922-6.](#)
- [Meson theory of nuclear forces and nuclear matter - scientif. report of the conference, held at the](#)
- [Sie prägten unsere Kunst - Studien und Aufsätze](#)
- [Sir Emery Walker, born 2nd April, 1851, died 22nd July, 1933.](#)