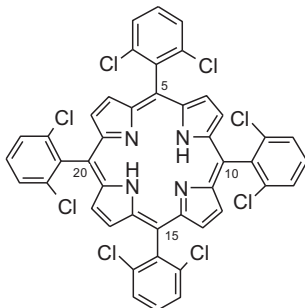


Spectral data of porphyrin derivative C₄₄H₂₂Cl₈N₄

Spectral Studies

2.1. Spectral Data of Porphyrins: Tetraphenyl and Analogous Porphyrins

Structure formula



NMR		IR	UV-visible		Remarks	Ref.
Solvent	Peaks δ [ppm]/ ^a J [Hz]	Peaks Wave number $\tilde{\nu}$ [cm ⁻¹]	Solvent	Peaks λ [nm]/(ϵ [M ⁻¹ cm ⁻¹]/log ϵ)		
CDCl ₃	¹ H NMR -2.54 (s, 2H, NH), 7.19 (4H, H-p-phenyl), 7.72 (8H, H-m-phenyl), 8.64 (s, 8H, H-pyrrole)		CHCl ₃	418, 512, 588		[00Mol]

Symbols and abbreviations

Short Form	Full Form
NMR	nuclear magnetic resonance
IR	infrared
UV-Visible	ultraviolet-visible
δ	chemical shift
γ	absorption band
λ	wavelength
ϵ	molar absorptivity

References

- [00Mol] Molinari, A., Amadelli, R., Antolini, L., Maldotti, A., Battioni, P., Mansy, D.: J. Mol. Catal. A Chem. **158**, 521–531 (2000)