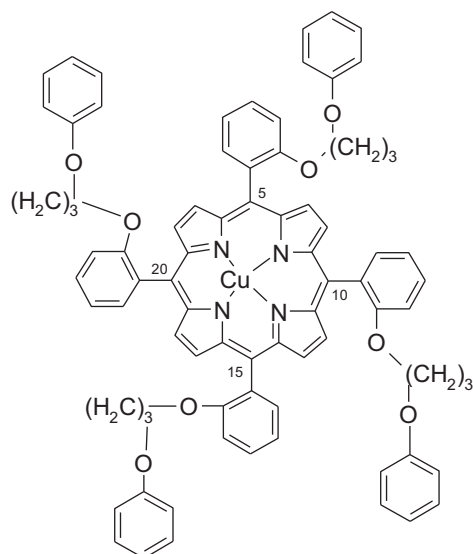


UV-visible spectral data of copper complex of porphyrin derivative C₈₀H₆₈CuN₄O₈

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)		
			CHCl ₃	417, 540, 575		[09Wan]

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

- [09Wan] Wang, C., Yang, G.-m., Li, J., Mele, G., Słota, R., Broda, M.A., Duan, M.-y., Vasapollo, G., Zhang, X., Zhang, F.-X.: *Dyes and Pigments* 80, 321 (2009)