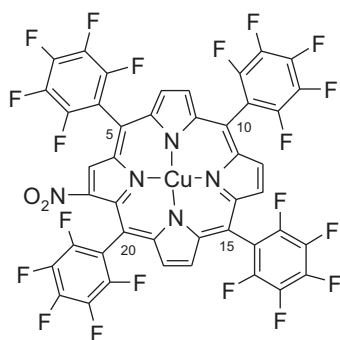


UV-visible spectral data of copper complex of porphyrin derivative C₄₄H₇CuF₂₀N₅O₂

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	415.5 (5.40, Soret), 542.5 (4.20), 588.5 (4.12)		[07Wyr]

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

[07Wyr] Wyrebek, P., Ostrowki, S.: J. Porphyrins Phthalocyanines **11**, 822–828 (2007)