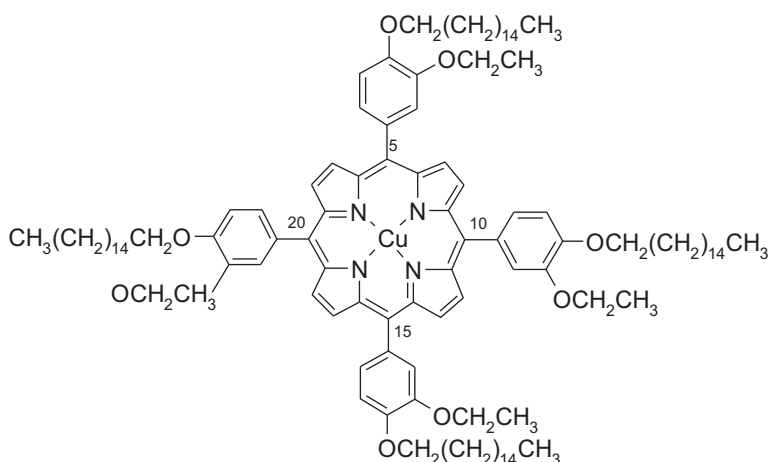


Spectral data of copper complex of porphyrin derivative C₁₁₆H₁₇₂CuN₄O₈

Spectral Studies

2.1 Spectral Data of Porphyrins: Tetraphenyl and Analogous Porphyrins

Structure formula



NMR		IR	UV-visible		Remarks	Ref.
Solvent	Peaks δ [ppm]/ nJ [Hz]	Peaks Wave number $\tilde{\nu}$ [cm ⁻¹]	Solvent	Peaks λ [nm]/(ϵ [M ⁻¹ cm ⁻¹]/log ϵ)		
		1579, 1469, 1342, 1254	CHCl ₃	423 (150.8 × 10 ³), 542 (8.0 × 10 ³)		[10Yu]

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

- [10Yu] Yu, M., Zhang, Y.J., Shi, J.H., Liu, G.F., Zhang, H.J.: Synth. React. Inorg. Metal-Organ. Nano-Metal Chem. **40**, 404–409 (2010)