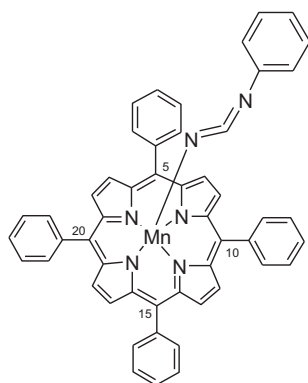


Spectral data of manganese complex of porphyrin derivative C₅₁H₃₃MnN₆

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	¹H NMR –22.2 (pyrr-H), –14.4 (H ₂ , H ₆), 7.50 (p-H), 8.20 (m-H), 17.6 (H ₃ , H ₅)		CHCl ₃	473, 581, 619		[05Saf]

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

- [05Saf] Safari, N., Notash, B., Nezhad, J.M., Chiniforoshan, H., Hadadzadeh, H., Rezvani, A.R.: *Inorg. Chim. Acta* **358**, 2967–2974 (2005)