

Landolt-Börnstein
Group II: Molecules and Radicals

Volume 9
Magnetic Properties of Free Radicals

Subvolume D2
Organic Cation Radicals and Polyradicals. Index of Substances for Volumes II/1 and II/9

Title Page, Preface

General introduction (H. FISCHER) 1

18 Aromatic hydrocarbon cation radicals 5
(K. ISHIZU, K. WATANABE, H. OHYA-NISHIGUCHI)

18.0 Introduction 5

18.1 Cation radicals from aromatic hydrocarbon compounds and their alkyl derivatives 6

18.2 Cation radicals from halogenated aromatic hydrocarbons 19

18.3 References for 18.1 and 18.2 21

19 Cation radicals from nitrogen-containing compounds (S.F. NELSEN) 22

19.0 Introduction 22

19.1 Alkyl and H-substituted amines 25

19.2 Aromatic amines 28

19.3 Unsaturated amines 60

19.4 [N-N] compounds 93

19.5 [N-O] compounds 116

19.6 Miscellaneous/uncertain structure 119

19.7 References for 19 120

20 Aromatic cation radicals containing O and S atoms 124
(K. ISHIZU, K. WATANABE, H. OHYA-NISHIGUCHI)

20.0 Introduction 124

20.1 Radicals containing O and/or S atoms substituted into the aryl groups 125

20.2 Heterocyclic compounds containing O and/or S atoms as ring members 142

20.3 References for 20.1 and 20.2 147

21 Organic C-, O-, and N-centered bi- and polyradicals 148
(G. KOTHE, W. WILKER)

21.0 Introduction 148

21.1 Carbon-centered polyradicals 151

21.2 Oxygen-centered polyradicals 160

21.3 Nitrogen-centered polyradicals 172

21.4 References for 21.1 - 21.3 188

22 Organic bis- and polynitroxides (A.R. FORRESTER) 190

22.0 Introduction 190

22.1 Bisnitroxides 191

22.2 Trisnitroxides 293

22.3 Tetrakisnitroxides 299

22.4	Pentakis(piperidiny1-1-oxyls)	303
22.5	Hexakis(piperidiny1-1-oxyls)	305
22.6	Phenoxy1 nitroxide	308
22.7	References for 22.1 - 22.6	309
	Index of substances for Volumes II/1 and II/9	313

Organic Cation Radicals and Polyradicals / Organische
Kation-Radikale und Polyradikale

Index of Substances for Volumes II/1 and II/9 /

Substanzenverzeichnis für die Bände II/1 und II/9

Forrester, A.R.; Ishizu, K.; Kothe, G.; Nelsen, S.F.;

Ohya-Nishiguchi, H.; Kyoko, W.; Wilker, W.

1980, 369 p., Hardcover

ISBN: 978-3-540-09666-5