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Magnetische Eigenschaften freier Radikale

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Organische Radikale mit N als Zentralatom und
Nitroxid-Radikale

A. R. Forrester · F. A. Neugebauer

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H. FISCHER, Physikalisch-Chemisches Institut der Universität Zürich, Switzerland

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F. A. NEUGEBAUER, Max-Planck-Institut für medizinische Forschung, Heidelberg, Germany

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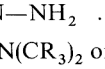
5.3.1.2 Alkylhydrazyls of type $H—\dot{N}—N(CR_3)_2$ or  . . . 40
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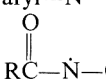
5.6.4 Acyl(oxy)aminyls of type  . . . 105

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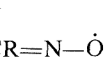
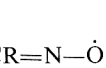
5.11.6 Iminoxyls of type  . . . 138
5.11.7 Iminoxyls of type  . . . 139

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A. R. Forrester, Department of Chemistry, University of Aberdeen, Great Britain

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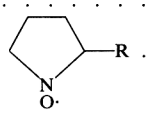
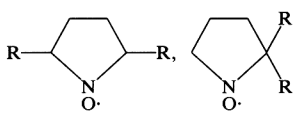
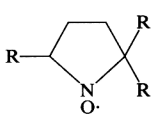
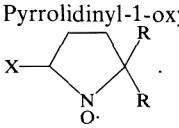
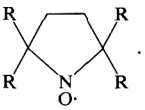
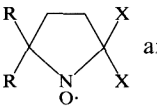
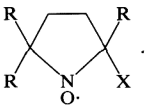
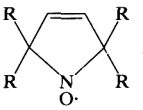
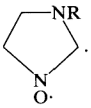
6.3.2.1 Pyrrolidinyl-1-oxyls with one α-substituent,  386
6.3.2.2 Pyrrolidinyl-1-oxyls with two α-substituents,  388
6.3.2.3 Pyrrolidinyl-1-oxyls with three carbo α-substituents,  388

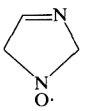
6.3.2.4 Pyrrolidinyl-1-oxyls with two α-alkyl and one α-amino or α-oxy substituents,  394

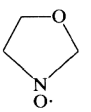
6.3.2.5 Pyrrolidinyl-1-oxyls with four α-alkyl substituents,  397

6.3.2.6 Pyrrolidinyl-1-oxyls with four α-substituents,  and  406

6.3.2.7 3-Pyrrolinyl-1-oxyls with four α-substituents,  407

6.3.2.8 Imidazolidinyl-1-oxyls,  415

6.3.2.9 Imidazolinyl-1-oxyls,  419

6.3.2.10 Oxazolidinyl-1-oxyls,  425

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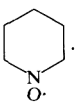
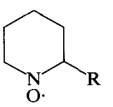
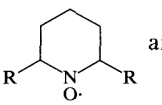
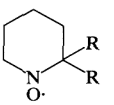
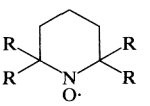
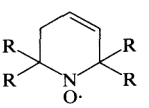
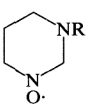
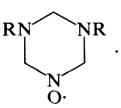
6.3.3.1 Piperidinyl-1-oxyls,  443

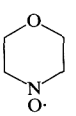
6.3.3.2 Piperidinyl-1-oxyls with one α-substituent,  447

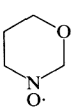
6.3.3.3 Piperidinyl-1-oxyls with two α-substituents,  and  448

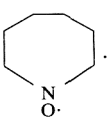
6.3.3.4 Piperidinyl-1-oxyls with four α-substituents,  451

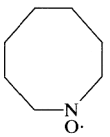
6.3.3.5 Tetrahydropyridinyl-1-oxyls,  509

6.3.3.6 Diaza- and triaza-cyclohexanyl-1-oxyls,  ,  512

6.3.3.7 Morpholinyl-1-oxyls,  516

6.3.3.8 Oxazinyl-1-oxyls,  517

6.3.3.9 Azepinyl-1-oxyls and other 7-membered cyclic nitroxides,  520

6.3.3.10 8-membered and larger cyclic nitroxides,  523

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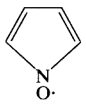
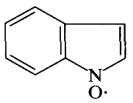
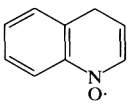
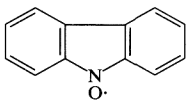
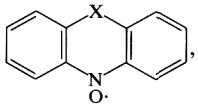
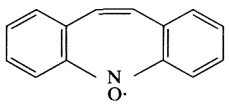
6.6.1 Pyrrolyl-1-oxyls,  583

6.6.2 Indolyl-1-oxyls and quinolinyl-1-oxyls,  and  587

6.6.3 Carbazolyl-1-oxyls,  596

6.6.4 Acridanyl-10-oxyls, phenoxazinyl-10-oxyls, phenothiazinyl-10-oxyls, phenoselenazinyl-10-oxyls,  , X = CH_2, O, S, Se 601

6.6.5 Dibenzazepinyl-5-oxyls,  609

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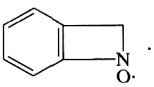
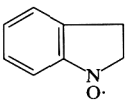
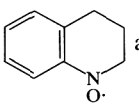
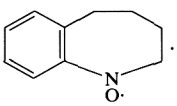
6.8.1 4-membered cycloalkyl-aryl nitroxides,  . . . 729

6.8.2 5-membered cycloalkyl-aryl nitroxides,  . . . 729

6.8.3 6-membered and 7-membered cycloalkyl-aryl nitroxides,  and  . . . 741

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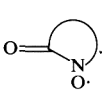
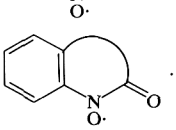
6.14 Cycloalkyl-acyl nitroxides,  . . . 798

6.15 Cyclo aryl acyl nitroxides,  . . . 800

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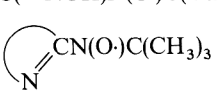
6.17.6 Tert. alkyl-cyclic imidoyl nitroxides,  . . . 822

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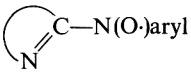
6.18.4 Aryl-cyclic imidoyl nitroxides,  834

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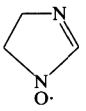
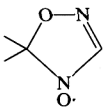
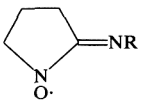
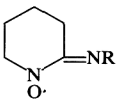
6.19.1 Imidazolinyl-1-oxyls,  835

6.19.2 Oxadiazolinyl oxyls,  853

6.19.3 Iminopyrrolidinyl oxyls,  856

6.19.4 Iminopiperidinyl oxyls,  857

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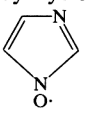
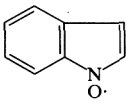
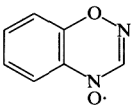
6.20.1 Imidazolinyl oxyls,  858

6.20.2 Benzimidazolyl oxyls and indolinyl oxyls,  858

6.20.3 Benzoxadiazinyl oxyls,  861

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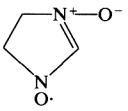
6.21.1 Imidazolinyl-3-oxyl 1-oxides,  862

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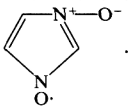
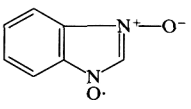
6.22.1 Imidazolyl-3-oxyl 1-oxides,  891

6.22.2 Benzimidazolyl-3-oxyl 1-oxides,  892

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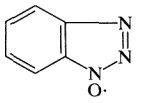
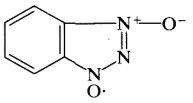
6.29 Azo and azoxy nitroxides,  and  910

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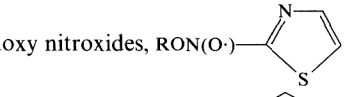
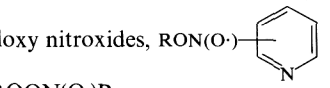
6.33.11 Thiazolyl-alkoxy and -silyloxy nitroxides,  980
6.33.12 Pyridinyl-alkoxy and -silyloxy nitroxides,  981
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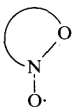
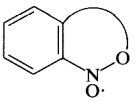
6.34.1 Cyclic alkyl-alkoxy nitroxides,  982
6.34.2 Cyclic aryl-alkoxy nitroxides,  983

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