

aminoxyl radicals

Compounds having the structure $R_2NO\cdot \leftrightarrow$

$R_2N^+-O^-$; they are *radicals* derived from hydroxylamines by removal of the hydrogen atom from the hydroxy group, and are in many cases isolable.

The synonymous terms 'nitroxyl radicals' and 'nitroxides' erroneously suggest the presence of a nitro group; their use is not desirable. E.g.

$(ClCH_2)N-O\cdot$ bis(chloromethyl)aminoxyl.

1995, 67, 1317; see also 1993, 65, 1357