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| Nota di contenuto | INORGANIC SYNTHESES; CONTENTS; Preface; Notice to Contributors; Chapter One METAL NITROSYL COMPLEXES; 1. Tetranitrosylchromium and Carbonyltrinitrosylmanganese; A. Tetranitrosylchromium; B. Carbonyltrinitrosylmanganese; 2. Dithiocarbamate Complexes of Iron and Cobalt Nitrosyls; A. Bis(diethyldithiocarbamato)nitrosyliron; B. Bis (dimethyldithiocarbamato)nitrosylcobalt; 3. Ammine Complexes of Osmium, Including Amminenitrosyls; A. Pentaammine(dinitrogen) osmium(II) Iodide; B. Pentaammineiodoosmium(III) Iodide; C. Hexaammineosmium(III) Iodide; D. Pentaamminenitrosylosmium(3+ ) Halide Monohydrate<br>E. Tetraamminehydroxonitrosylosmium(2+) HalideF. Tetraamminehalonitrosylosmium(2+) Halide; 4. Nitrosylammineruthenium Complexes; A. Tetraamminechloronitrosylruthenium(2+) Chloride; B. Tetraammineacidonitrosylruthenium(2+) Perchlorate; 5. Dinitrosylcobalt Complexes; A. (N,N,N',N'-Tetramethylethylenediamine) dinitrosylcobalt(1+ ) Tetraphenylborate; B. Bis(triphenylphosphine) dinitrosylcobalt(1+) Tetraphenylborate; C. [Ethylenebis |

(diphenylphosphine)]dinitrosylcobalt(1+ ) Tetraphenylborate; 6. Bis (triphenylphosphine)chlorodinitrosylruthenium(1+ ) Tetrafluoroborate 7.Dicarbonyl-n-cyclopentadienylnitrosylmolybdenum and Bis(dihalo-n-cyclopentadienylnitrosylmolybdenum) DerivativesA. Dicarbonyl-n-cyclopentadienylnitrosylmolybdenum; B. Bis(dichloro-n-cyclopentadienylnitrosylmolybdenum; C. Bis(dibromo-n-cyclopentadienylnitrosylmolybdenum); D. Bis(diiodo-n-cyclopentadienylnitrosylmolybdenum); 8. Bis(methyldiphenylphosphine) dichloronitrosylcobalt; A. Room-Temperature Form; B. Low-Temperature Form; 9. Tris(triphenylphosphine)nitrosylcobalt and Tris (triphenylphosphine)nitrosylrhodium; A. Tris(triphenylphosphine) nitrosylcobalt
B. Tris(triphenylphosphine)nitrosylrhodium10. Carbonylchloronitrosylrhenium Compounds; A. Octacarbonyl-di-u-chlorodirhenium; B. Pentacarbonyl-tri-u-chloro-nitrosyldirhenium; C. Tetracarbonyl-di-u-chlorodichlorodinitrosyldirhenium; 11. Decacarbonyldi-u-nitrosyl-trimetal Compounds; A. Decacarbonyldi-u-nitrosyl-triruthenium; B. Decacarbonyl-di-u-nitrosyl-triosmium; 12. trans-Bis(triphenylphosphine)chloronitrosyliridium(1+ ) Tetrafluoroborate; Chapter Two METAL CARBONYL COMPOUNDS; 13. Dodecacarbonyltriruthenium; 14. Dodecacarbonyltriruthenium; 15. Hexadecacarbonylhexarhodium
16. Di-u-chloro-bis[tricarbonylchlororuthenium(II)]17. Dicarbonyl(n-cyclopentadienyl)(thiocarbonyl)manganese(I); 18. Transition Metal Carbonyl Derivatives of Magnesium; A. Bis(dicarbonyl-n-cyclopentadienyliron)bis(tetrahydrofuran)magnesium; B. Tetrakis (pyridine)bis(tetracarbonylcobalt)magnesium; C. Bis[dicarbonyl-n-cyclopentadienyl(tributylphosphine)molybdenum]tetrakis (tetrahydrofuran)magnesium; 19. Tris(pentacarbonylmanganese) thalliurn(III); 20. (Alkylamino)difluorophosphine- and Halodifluorophosphinetetracarbonyliron Complexes; A. (Diethylamino) difluorophosphinetetracarbonyliron
B. Chlorodifluorophosphinetetracarbonyliron

Sommario/riassunto

The volumes in this continuing series provide a compilation of current techniques and ideas in inorganic synthetic chemistry. Includes inorganic polymer syntheses and preparation of important inorganic solids, syntheses used in the development of pharmacologically active inorganic compounds, small-molecule coordination complexes, and related compounds. Also contains valuable information on transition organometallic compounds including species with metal-metal cluster molecules. All syntheses presented here have been tested.