

# SYNTHESES AND PROPERTIES OF 1,1,2,2-TETRAKIS(DIFLUOROAMINO-METHYLENENITROAMINO)ETHANE AND ITS RELATED COMPOUNDS

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The syntheses and properties of I,1,2,2--tetrakis(difluoroaminomethylenenitroamino)ethane and it's related compounds will be presented in detail. The title compound was synthesized from I,7--dioxo--3,5,9,II--tetranitro--3,5,9,II--tetranitrogenobiscyclo(5,5,0)dodecane by refluxing with  $\text{HNF}_2$  in the presence of fuming sulfuric acid in high yield. All compounds were characterized by their spectra, element analyses and their molecular weights.