

MACROCYCLIC AMINES - PRECURSORS TO SOME COLORFUL CHEMISTRY

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The interactions of macrocyclic amines with cyclic polyfluorinated olefins provide a route to a rather large new family of one, two, three or four substituted derivatives that are stable to hydrolysis and that have surprising thermal properties. Additionally, these materials are precursors to metal and nonmetal compounds, some of which are highly colored and which show an interesting chemistry in their own right. X-ray crystal structures are most useful in confirming these new macrocycles.