

Ibrahim E. H. M., "The Structures And Mode Of Formation Of Some Cyclodiphosphazane Derivatives With Urea And Thiourea", Qatar University Science Journal, 1986, Vol. 6, Pages 77-91.

Abstract

The methods of preparation and possible reaction mechanisms for the formation of some geminal and nongeminal aminocyclodiphosph (v) azanes of the type (II - V) are discussed. These cyclodiphosphazanes obtained from the interaction of chlorocyclodiphosphazanes (I) with some bifunctional reagents (such as phenylurea, diphenylurea, thiourea and its phenyl derivatives) in acetonitrile, have been investigated using infrared, ultraviolet, H n.m.r. and mass spectrometric data.