
Abstract

Proton-decoupled 19F and 31P NMR spectra were analyzed for 2,2,2,4-tetrafluoro-1,3-dimethyl-4-o-phenylenedioxy-1,3-diazadiphosphetidine (I). The single F attached to the chelated P is equatorial rather than axial. I was prepd. by the reaction of catechol in the presence of LiBu with 2,2,2,4,4,4-hexafluoro-1,3-dimethyl-1,3-diazadiphosphetidine. I was further characterized by its mass spectrum.

![I](image-url)