

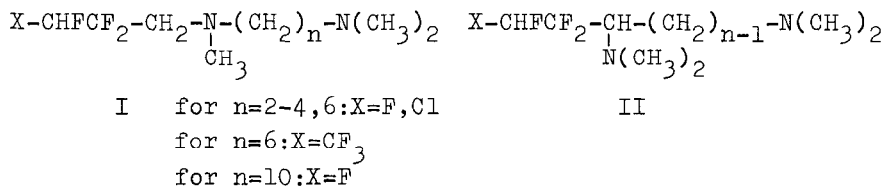
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# ULTRAVIOLET AND ELECTRON RADIATION INDUCED ADDITION OF N,N,N',N'-TETRAMETHYL-1,ω-ALKANEDIAMINES TO FLUORINATED ALKENES

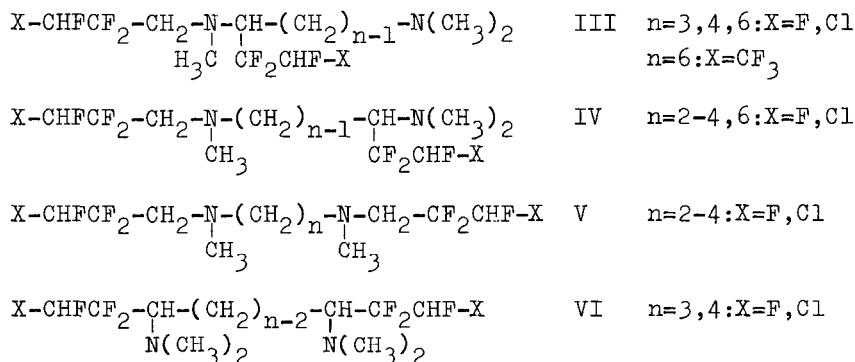
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The predominant products under the both photochemically and  $\gamma$ - $^{60}\text{Co}$  induced addition of N,N,N',N'-tetramethyl-1,ω-diamines to fluorinated alkenes are 1:1 adducts I and II:



It is shown that the minor 1:2 adducts III-VI are the results of intramolecular 1,m (m=5-10) hydrogen transfer in 1:1 adduct radical intermediates.



Adducts I and II (e.g. X=CF<sub>3</sub>, n=6) were converted into the surface active quaternary ammonium salts.