

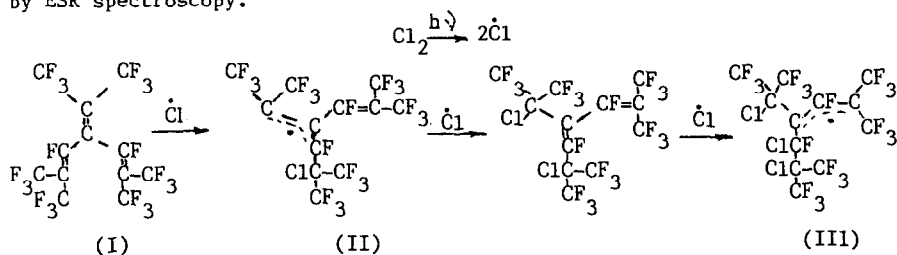
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STABLE ALLYLIC RADICALS – INTERMEDIATES OF  
PHOTOCHEMICAL CHLORINATION OF BRANCHED  
PERFLUORODIENES AND TRIENES

B. L. Tumanskii, E. G. Ter-Gabrielyan, N. P. Gambaryan, V. A. Petrov,  
S. P. Solodovnikov and N. N. Bubnov

A. N. Nesmeyanov Institute of Organo-Element Compounds Academy of  
Sciences of USSR, Vavilov St., 28, Moscow, 117813 (U.S.S.R.)

Branched allylic radicals (II) and (III) were fixed as intermediates under photochemical chlorination of cross-conjugated perfluorotriene (I) by ESR spectroscopy.



More sterically hindered radical (III) unlike radical (II) does not interact with  $\dot{\text{C}}\text{l}$  and is stable for many days.

Formation of allylic radicals is also fixed under photochemical chlorination of cyclic perfluorodienes:

