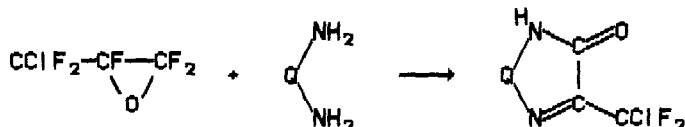


REACTION OF (CHLORODIFLUOROMETHYL)TRIFLUOROOXIRANE WITH
NITROGEN NUCLEOPHILES

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(Chlorodifluoromethyl)trifluorooxirane was prepared from 3-chloropentafluoropropene by nucleophilic epoxidation. Its ability to form rings of various size in reaction with bifunctional nitrogen nucleophiles was studied:



Products were isolated by column chromatography. Formation of artifacts during treatment of the reaction mixture was observed in some cases. Some further reactions of compounds obtained are reported. Scope and limitations of using the title epoxide as a synthon will be discussed.