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(54) Title: HALOGENATED PERFLUOROALIPHATIC COMPOUNDS AND METHODS OF MAKING AND USING THE SAME

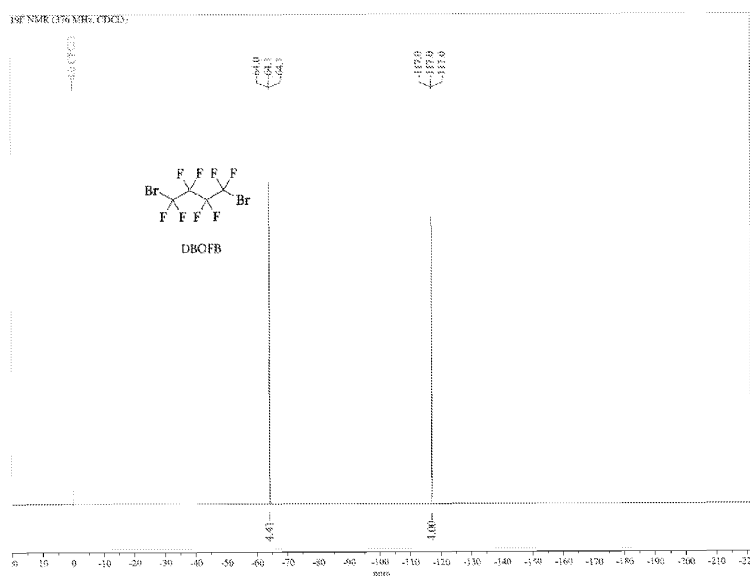


FIG. 1

(57) Abstract: Disclosed herein is a method for making halogenated perfluoroaliphatic compounds using a one-step procedure that can be adapted for use with various different linear fluorine-containing starting materials. The method is safe, reproducible, and adaptable. It utilizes readily accessible starting materials (e.g., a fluorine-containing compound and a halogen-based reagent, such as Br₂, IBr, ICl, BrCl, or Cl₂) to provide various halogenated perfluoroaliphatic compounds that can be further be converted to additional valuable products used in various industries.

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