

The First Hydrogen Containing (Polyfluorocycloalken-1-yl)xenon(II) Salts

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Xenon Difluoride, Fluorinated Alkenylxenon(II) Salts, Fluorinated Arylxenon(II) Salts,
Oxidative Fluorination

(2-H-Hexafluoro-1,4-cyclohexadien-1-yl)xenon(II) and (2-H-octafluorocyclohexen-1-yl)xenon(II) hexafluoroarsenates and tetrafluoroborates were obtained together with their perfluorinated analogues on reacting the corresponding (2,3,4,5-tetrafluorophenyl)xenon(II) salts with XeF₂ in anhydrous HF (aHF). The fluorinated (cyclohexen-1-yl)xenon(II) cations react with bromide and iodide anions in MeCN and aHF under alkenylation of the halide anions.

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