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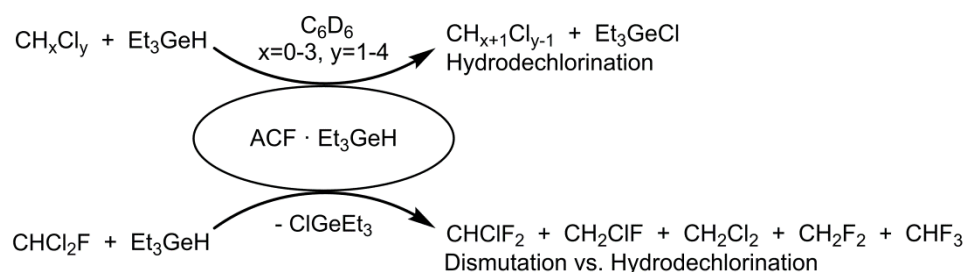
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Graphical Abstract for:

Selective Reduction of a C–Cl Bond in Halomethanes with Et₃GeH at Nanoscopic Lewis Acidic Aluminium Fluoride

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Catalytic selective C–Cl bond cleavage reactions at moderate reaction conditions at a Lewis-acidic amorphous aluminum chloro fluorid (ACF) in the presence of Et₃GeH are presented. Chloromethanes and hydrochlorofluoromethanes as substrates were tested and *PulseTA*[®] experiments reflect the interactions between the catalyst and reactants.

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