

New (non-catalytic) Methods for Synthesis of Group 13 PFLAs

Perfluoroarylated Lewis Acids (PFLAs) are useful activators for metallocenes in the polymerization of olefins. They are also useful replacements for traditional Lewis acids in many chemical reactions. Innovative Science Corp. has devised simplistic non-catalytic methodologies for production of several Group 13 PFLAs using low cost, commercially available precursors. The byproduct waste streams are recyclable adding to the value of this approach. These technologies are currently under evaluation and will be offered for license or purchase to interested buyers.

Cost = \$10-15,000 Stage 1

Likelihood of Success = 70 %

Earning Potential = Moderate to High.

Return on Investment = Open to negotiation.