



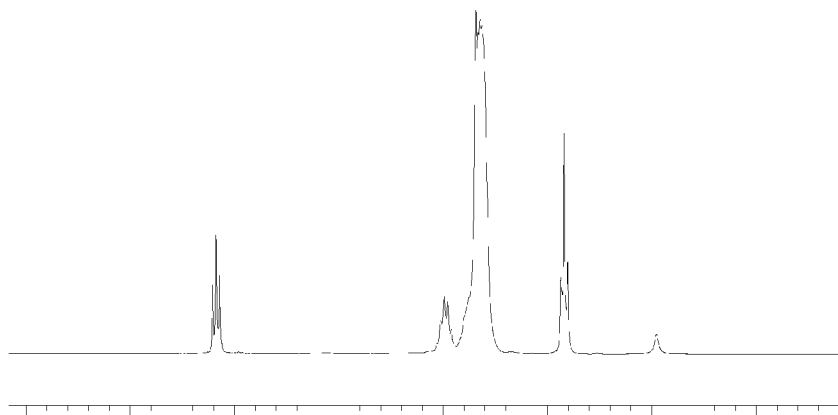
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(54) **Title:** METHOD OF MAKING AN OLEFIN POLYMERIZATION CATALYST ACTIVATOR



(57) **Abstract:** A method for preparing ammonium tetrakis(pentafluorophenyl)borate salt comprising reacting a secondary amine with an aldehyde to form an iminium ion; hydrogenating the iminium ion by reaction with a reducing agent to form a tertiary amine; reacting the tertiary amine with a mineral acid to form an amine salt; and reacting the amine salt with $K[B(C_6F_5)_4]$, $Li[B(C_6F_5)_4]$, or combinations thereof to form an ammonium tetrakis(pentafluorophenyl)borate salt, wherein the secondary amine is derived from a non-animal source and the aldehyde has seven or more carbon atoms; wherein the ammonium tetrakis(pentafluorophenyl)borate salt is characterized by a solubility at 25 °C. in hexane, cyclohexane or methylcyclohexane of at least 10 weight percent; and wherein the tertiary amine has a molecular weight of at least 450 g/mole is provided.