Title (en)

HYDROSILANE/LEWIS ACID ADDUCT, PARTICULARLY ALUMINUM, IRON, AND ZINC, METHOD FOR PREPARING SAME, AND USE OF SAID SAME IN REACTIONS FOR REDUCING CARBONYL DERIVATIVES

Title (de)

HYDROSILAN/LEWIS-SÄUREADDUKT, INSBESONDERE ALUMINIUM, EISEN UND ZINK, VERFAHREN ZUR HERSTELLUNG DAVON UND VERWENDUNG DAVON IN REAKTIONEN ZUR REDUKTION VON CARBONYLVERBINDUNGEN

Title (fr)

ADDUIT HYDROSILANE / ACIDE DE LEWIS, NOTAMMENT L'ALUMINIUM, LE FER ET LE ZINC, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS DES REACTIONS DE REDUCTION DE DERIVES CARBONYLES

Publication

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Application

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Abstract (en)

[origin: WO2016120574A1] The present invention relates to: - an adduct between a Lewis acid, preferably aluminum trichloride, iron trichloride, or zinc dichloride, and a hydrosilane; - a method for preparing same; and - use of same in a reaction for reducing, particularly, an aldehyde, a ketone, an α,β-unsaturated ketone, an imine, or an α,β-unsaturated imine.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

1. **C07C 67/31** + **C07C 69/732**
2. **C07C 29/175** + **C07C 35/12**
3. **C07C 29/143** + **C07C 35/08**
4. **C07C 29/143** + **C07C 31/125**
5. **C07C 45/62** + **C07C 49/297**
6. **C07C 45/62** + **C07C 49/303**
7. **C07C 45/62** + **C07C 49/245**

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