

Title (en)
REDUCTION OF AROMATIC HALOGENIDES

Title (de)
REDUKTION AROMATISCHER HALOGENIDE

Title (fr)
REDUCTION D'HALOGENURES AROMATIQUES

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Application
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Abstract (en)
[origin: WO9852885A1] The invention relates to the reduction of (hetero)aromatic halogenides of general formula (I) Ar-Xn to compounds of general formula (II) Ar-Hn. To achieve this, a reduction agent is used, in particular a hydride reactant such as lithium aluminium hydride (LiAlH₄) in the presence of oxygen, in particular in the form of an oxygen-inert gas mixture. Reduction in the presence of oxygen gives a good yield in short reaction times, even when working on a semi-industrial or industrial basis. Reduction using LiAlH₄ in the presence of oxygen can also be used to reduce complicated heteroaromatic halogenides, for instance for reducing bromonarwedine ketone acetal to narwedine ketone acetal on an industrial scale.

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