

Title (en)

METHOD FOR THE PRODUCTION OF 2-AMINO-4-CHLORO-6-ALKOXYPYRIMIDINES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 2-AMINO-4-CHLOR-6-ALKOXYPYRIMIDINEN

Title (fr)

PROCEDE DE PRODUCTION DE 2-AMINO-4-CHLOR-6-ALCOXYPYRIMIDINES

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Application

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Abstract (en)

[origin: WO2004037795A1] The invention relates to a method for producing 2-amino-4-chloro-6-alkoxypyrimidines by reacting 2-amino-4,6-dichloropyrimidine with an alkali alcoholate or a mixture of alkali hydroxides and an alcohol in a polar aprotic solvent (mixture), whereupon the solvent is distilled off to > 30 percent and the product is precipitated by adding water during or following the distillation process. The inventive method, in which especially acetone is used as a polar aprotic solvent and which can be carried out at temperatures between 5 and 60 DEG C, allows 2-amino-4-chloro-6-alkoxypyrimidines and above all 2-amino-4-chloro-6-methoxypyrimidine to be produced in a particularly economical and environmentally friendly manner while obtaining high yields and a very distinctive purity.

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