



Method for the preparation of N-acetyl-L-cysteinamide from N-acetyl-L-cysteine

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Method for the preparation of N-acetyl-L-cysteinamide from N-acetyl-L-cysteine, continuation

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The invention is related to an efficient process for the preparation of N-acetyl-L-cysteinamide in high chem. yields and high enantiomeric purity by: (i) contacting N-acetyl-L-cysteine with an organic alc. and an inorganic acid to form an organic solution containing N-acetyl-L-cysteine ester; (ii) neutralizing the acid in the organic solution with an aqueous solution containing a base to form a neutralized mixture; (iii) separating an organic solution containing N-acetyl-L-cysteine ester from the neutralized mixture; (iv) removing the N-acetyl-L-cysteine ester from the organic solution under reduced pressure; and (v) contacting the N-acetyl-L-cysteine ester with ammonia.

