

Title (en)
METHOD FOR THE PREPARATION OF AN N-(2-BROMOALKYL)-AMIDE DERIVATIVE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON N-(2-BROMOALKYL)-AMIDE-DERIVATE

Title (fr)
PROCEDE DE PREPARATION D'UN DERIVE N-(2-BROMOALKYL)-AMIDE

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Abstract (en)
[origin: WO9700237A1] The invention relates to a method for the preparation of an N-(2-bromoalkyl)-amido derivative according to formula (1), wherein an alkenically unsaturated compound (alkene) is brought into contact with a donor of a positive bromine ion and a nitrile in the presence of water or an acid, preferably sulphuric acid. The invention also relates to the use of an N-(2-bromoalkyl)-amido derivative thus obtained in the preparation of 1,2-aminoalcohols, beta -amido- alpha -hydroxycarboxylic acids, beta -amino acids, beta -amido acids, beta -aminonitriles, beta -amidonnitriles, beta -amido- alpha -hydroxynitriles, beta -aminoamides, beta -amidoamides or beta -amido- alpha -hydroxyamides, in particular a method for the preparation of a 1,2-aminoalcohol, an N-(2-bromoalkyl)-amido derivative first being subjected to a ring closure, preferably under acidic conditions, and optionally subsequently being subjected to a preferably acidic hydrolysis. Such 1,2-aminoalcohols can suitably be used in the preparation of known pharmaceuticals. A particularly attractive method for the preparation of a 1,2-aminoalcohol is obtained if the total route from the alkene is carried out without the products formed intermediately being isolated in between.

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