

Title (en)

METHOD FOR PRODUCTION OF ARYL-SUBSTITUTED ANNELATED PYRIMIDINES

Title (de)

VERFAHREN ZUR HERSTELLUNG ARYLSUBSTITUIERTER ANELLIERTER PYRIMIDINE

Title (fr)

PROCÉDÉ DE PRODUCTION DE PYRIMIDINES ANNELÉES, SUBSTITUÉES PAR ARYLE

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Application

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Abstract (en)

[origin: WO2008084082A1] The invention relates to a method for production of aryl-substituted annelated pyrimidines of general formula (I), where L¹ to L⁵=H, halogen, CN, NO₂, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkoxy, etc., Y¹ to Y³ = C-R[?] or N, R[?] = H or optionally substituted C₁-C₄ alkyl or two adjacent R[?] groups together form a ring, X = OH, Cl or Br, comprising: i) the reaction of a 2-phenylmalonate with a compound (III) or a tautomer thereof, in the presence of a suitable base, with continuous removal of the alcohol of formula R-OH, formed during the reaction, under reduced pressure, to give a compound of formula (I) or a salt thereof, where X = OH and in the case that X in compounds of general formula (I) = chlorine or bromine, ii) the reaction of the compounds of formula (I) obtained in step (i) or the salt thereof with a halogenating agent.

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