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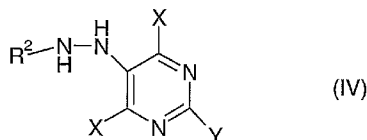
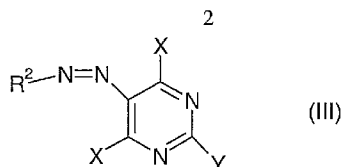
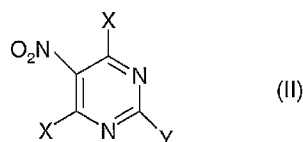
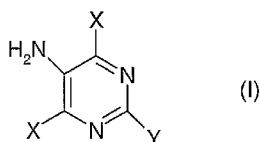
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(54) Title: CHEMICAL PROCESS



(57) Abstract: The present invention provides a process for the preparation of a compound of formula (I); wherein X is halogen; Y is ZR¹; Z is oxygen or sulphur; and R¹ is C₁₋₆ alkyl, C₁₋₆ haloalkyl or C₃₋₇ cloalkyl; the process comprising either: hydrogenating a compound of formula (II); with a suitable transition metal catalyst in a C₁₋₆ aliphatic alcohol, an ether, an hydrocarbon as solvent; or, b) conducting a one-pot hydrogenation of a compound of formula (III); wherein R² is phenyl optionally substituted by chloro, C₁₋₆ alkyl, C₁₋₆ alkoxy or (C₁₋₆ alkyl)₂N; firstly at about 20°C to form a compound of formula (IV); and then at about 40°C; both steps (I) and (ii) being carried out in the presence of a suitable catalyst and in the presence of a suitable solvent.



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