

ABSTRACT OF THE DISCLOSURE

METHOD FOR CRYSTALLIZATION OF A WEAKLY ACIDIC AND/OR WEAKLY BASIC COMPOUND

A method for crystallization of a weakly acidic and/or weakly basic compound having an uncharged form and at least one charged form comprises the steps of:

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a) providing a solution of said compound in a solvent having an initial pH-value and an initial total concentration of said compound, said initial pH-value being chosen such that the compound is present in said solution predominantly in said charged form, said initial total concentration being chosen larger than the intrinsic solubility of said uncharged form;

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b) gradually changing the pH-value of said solution in a direction that leads to a decrease of said compound's solubility until reaching a predetermined target pH-value at which said solution is in a substantially saturated state and the concentration of said uncharged form is substantially equal to said intrinsic solubility thereof; and

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c) maintaining said solution in a substantially saturated state while allowing formation of crystals of said compound.

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(Fig. 5)