NOVEL CRYSTAL FORM OF TRICYCLIC BENZOPYRAN COMPOUND AND PRODUCTION METHOD THEREOF

ABSTRACT

[PROBLEMS TO BE SOLVED]

To provide crystal forms of (3R, 4S)-7-hydroxymethyl-2,2,9-trimethyl-4-(phenethylamino)-3,4-dihydro-2H-pyrano[2, 3-g]quinolin-3-ol that are excellent as a drug, and production methods thereof.

[MEANS FOR SOLVING THE PROBLEMS]

Production methods including crystallizing (3R, 4S)-7-hydroxymethyl-2,2,9-trimethyl-4-(phenethylamino)-3,4-dihydro-2H-pyrano[2, 3-g]quinolin-3-ol from an acetate ester solvent, an aliphatic hydrocarbon solvent, a nitrile solvent, an aromatic hydrocarbon solvent, a ketone solvent or an ether solvent, and crystal forms obtained according to the methods.

Figure 1

