

ABSTRACT

METHOD FOR PRODUCING DIHYDROXYINDOLES

A method for producing dihydroxyindoles includes: a step 1 of obtaining an aqueous first solution including DHIs obtained by causing DOPAs to react with hexacyanoferrate(III); a step 2 of obtaining an oleaginous second solution in which DHIs are extracted in an extraction solvent by mixing the first solution obtained in the step 1 with the extraction solvent; and a step 3 of obtaining an aqueous third solution by evaporating the extraction solvent from a mixture of the second solution obtained in the step 2 and water.

The extraction of DHIs in the step 2 is performed in a tank A. After the second solution is discharged from the tank A, the second solution is supplied to a tank B, and then the step 3 is performed in the tank B.