The invention refers to medicine, in particular to pharmacology and may be used in the capacity of pharmaceutical forms base for prevention and treatment of iododeficient diseases.

The process for obtaining of dry iodostarch composition consists in that the starch is preliminarily washed with water, it is separated, it is mixed with a 2...5% hydroalcoholic solution of iodine having the ratio starch : iodine (100...200):(0,6...1,6) accordingly, afterwards the obtained product is dried at a temperature of $18...25^{\circ}$ C during 1,0...1,5 hours.