

Title (en)

METHOD FOR EXTRACTING 2-KETONE-L-GULONIC ACID FROM A POLAR, PREFERABLY AQUEOUS SOLVENT

Title (de)

VERFAHREN ZUM EXTRAHIEREN VON 2-KETO-L-GULONSÄURE (KGS) AUS EINEM POLAREN, VORZUGSWEISE WÄSSRIGEN LÖSUNGSMITTEL

Title (fr)

PROCEDE POUR EXTRAIRE DE L'ACIDE 2-CETO-L-GULONIQUE A PARTIR D'UN SOLVANT POLAIRE, DE PREFERENCE AQUEUX

Publication

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Application

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Abstract (en)

[origin: WO2004056841A1] The invention relates to a method for extracting 2-ketone-L-gulonic acids from a polar, preferably aqueous solvent, preferably from a solvent which contains a mixture of ascorbic acid and 2-ketone-L-gulonic acid, by means of liquid-liquid extraction with the aid of an extraction agent which contains a tertiary amine and a polar organic diluent. Preferably, the inventive method also comprises steps for retro-extracting the 2-ketone-L-gulonic acid and for returning the extraction agent. The invention also relates to a method for producing ascorbic acid from 2-ketone-L-gulonic acid and for isolating the thus produced ascorbic acid.

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