

Title (en)

METHOD FOR ENZYMATIC OXIDATION OF SULFINIC ACIDS TO SULPHONIC ACIDS

Title (de)

VERFAHREN ZUR ENZYMATISCHEN OXIDATION VON SULFINSÄUREN ZU SULFONSÄUREN

Title (fr)

PROCÉDÉ D'OXYDATION ENZYMATIQUE D'ACIDES SULFINIQUES EN ACIDES SULFONIQUES

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Application

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Priority

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Abstract (en)

[origin: WO2023280382A1] The invention relates to a method for enzymatic oxidation of sulfinic acids of formula H₂N-CH(R)-CH₂-SO₂H to form sulphonic acids of formula H₂N-CH(R)-CH₂-SO₃H using an enzyme chosen from the class of H₂O₂-generating oxidases in the presence of their substrate, in particular for enzymatic oxidation of L-cysteine sulfinic acid to L-cysteine acid and of hypotaurine to taurine using alcohol oxidase and glucose oxidase.

IPC 8 full level

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