

Title (en)

PROCESS FOR PRODUCING BIOTIN INTERMEDIATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BIOTINZWISCHENPRODUKTS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN INTERMÉDIAIRE DE BIOTINE

Publication

EP 4352064 A1 20240417 (EN)

Application

EP 21944657 A 20210611

Priority

CN 2021099884 W 20210611

Abstract (en)

[origin: WO2022257151A1] Provided an improved process for producing a biotin intermediate compound (I) with low cost and high yield, Wherein: R 1 and R 2 are each independently of one another H, lower alkyl, lower cycloalkyl, aryl, or lower aralkyl, optionally substituted by one or more substituents; R 3 is H, or a protective group which is suitable for a nitrogen atom; and X and Y are each independently of one another O or S.

IPC 8 full level

C07D 513/04 (2006.01)

CPC (source: EP)

C07D 495/04 (2013.01); **C07D 513/04** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022257151 A1 20221215; CN 117440957 A 20240123; EP 4352064 A1 20240417

DOCDB simple family (application)

CN 2021099884 W 20210611; CN 202180099069 A 20210611; EP 21944657 A 20210611