

Title (en)

PROCESS FOR PRODUCING FLUORINATED AROMATICS AND FLUORINATED NITROGEN-CONTAINING HETERO-AROMATICS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FLUORIERTEN AROMATEN UND FLUORIERTEN STICKSTOFFHALTIGEN HETEROAROMATEN

Title (fr)

PROCEDE DE PRODUCTION DE COMPOSES AROMATIQUES FLUORES ET DE COMPOSES HETEROAROMATIQUES FLUORES
RENFERMANT DE L'AZOTE

Publication

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Application

EP 97905116 A 19970228

Priority

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- EP 9700970 W 19970228

Abstract (en)

[origin: DE19608791A1] The production of fluorinated aromatic compounds of general formula (I), in which W, X, Z, R1 and R2 have the meanings given in the description, from corresponding C1 or Br-containing compounds with fluorides, e.g. KF, with halogen exchange in a reaction medium, is known. According to the invention, the "halex" reaction (exchange of a halogen for fluorine) is performed in a reaction medium containing compounds of general formula (III), (IV) and/or (V) in which R<16> to R<24> have the meaning given in the description. This provides a particularly advantageous process in which gentler conditions may be applied while providing higher output and fewer by-products. Fluorinated aromatic compounds of formula (I), e.g. are used as intermediate products for active agent synthesis.

IPC 1-7

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