

Title (en)
SYSTEMATIC MODULAR PRODUCTION OF AMINIMIDE- AND OXAZOLONE-BASED MOLECULES HAVING SELECTED PROPERTIES

Title (de)
SYSTEMATISCHE MODULARE HERSTELLUNG VON AMINIMID- UND OXAZOLONBASIERTEN MOLEKÜLEN MIT AUSGEWÄHLTEN EIGENSCHAFTEN

Title (fr)
PRODUCTION MODULAIRE SYSTEMATIQUE DE MOLECULES A BASE D'AMINIMIDE ET D'OXAZOLONE AYANT DES PROPRIETES CHOISIES

Publication
EP 0740791 A4 20000405 (EN)

Application
EP 94906537 A 19940105

Priority
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• CA 2180526 A 19940105

Abstract (en)
[origin: WO9518972A1] A method for obtaining compounds having selected properties for a particular application by forming base modules having at least two structural diversity elements from the reaction of a first compound having at least one structural diversity element and a first reactive group, with a second compound having at least one structural diversity element and a second reactive group, wherein the first and second groups combine by an addition reaction; producing a first array of molecules by varying at least one of the structural diversity elements of the compounds when producing the base modules; and screening the array to determine a first suitable compound for the particular application. The base modules are preferably formed from oxazolone- and aminimide-derived compounds. If desired, the method can be repeated by producing a second array of molecules through the formation of base modules having structural diversity elements that are modified from those of the first suitable compound; and screening the second array of molecules to determine a second suitable compound for the particular application. The second array producing and screening steps can be repeated as often as necessary to achieve an optimum compound for the particular application.

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IPC 8 full level
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• See references of WO 9518972A1

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