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Note: Bibliography reflects the latest situation

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(54) **DEUTERATED and undeuterated CYCLOSPORINE ANALOGS AND THEIR USE AS IMMUNOMODULATING AGENTS**

DEUTERIERTe und undeuterierte CYCLOSPORIN-ANALOGA UND IHRE VERWENDUNG ALS IMMUNOMODULIERENDE AGENTiEN

ANALOGUES DE CYCLOSPORINE DEUTERES et non-deuteres ET LEUR UTILISATION COMME IMMUNOMODULATEURS

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| <p>(84) Designated Contracting States:<br/><b>AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE</b><br/>Designated Extension States:<br/><b>RO</b></p> <p>(30) Priority: <b>08.10.1997 US 61360 P</b></p> <p>(43) Date of publication of application:<br/><b>12.04.2000 Bulletin 2000/15</b></p> <p>(60) Divisional application:<br/><b>05024216.3</b></p> <p>(73) Proprietor: <b>ISOTECHNIKA, INC.</b><br/><b>Edmonton,</b><br/><b>Alberta T6G 2CB (CA)</b></p> <p>(72) Inventors:<br/>• <b>NAICKER, S., Selvaraj</b><br/><b>Edmonton, Alberta T6J 3J4 (CA)</b><br/>• <b>YATSCOFF, Randall, W.</b><br/><b>Edmonton, Alberta T6R 2B7 (CA)</b><br/>• <b>FOSTER, Robert, T.</b><br/><b>Edmonton, Alberta T6J 1X9 (CA)</b></p> | <p>(74) Representative: <b>Nash, David Allan</b><br/><b>HASELTINE LAKE,</b><br/><b>Redcliff Quay</b><br/><b>120 Redcliff Street</b><br/><b>Bristol BS1 6HU (GB)</b></p> <p>(56) References cited:<br/><b>EP-A- 0 283 801 EP-A- 0 373 260</b><br/><b>EP-A- 0 577 544 WO-A-95/26325</b></p> <ul style="list-style-type: none"><li>• <b>D. SEEBACH ET AL.: "MODIFICATION OF CYCLOSPORIN A (CS): GENERATION OF AN ENOLATE AT THE SARCOSINE RESIDUE AND REACTIONS WITH ELECTROPHILES" HELVETICA CHIMICA ACTA, vol. 76, 1993, pages 1564-1590, XP002022424</b></li><li>• <b>H. KOBEL ET AL.: "Contribution to knowledge of the biosynthesis of cyclosporin A" EXPERIENTIA, vol. 39, 1983, pages 873-876, XP002090783</b></li><li>• <b>EBERLE M K ET AL: "Modifications of the MeBmt Side Chain of Cyclosporin A" BIOORGANIC &amp; MEDICINAL CHEMISTRY LETTERS, vol. 5, no. 15, 3 August 1995, page 1725-1728 XP004135415</b></li></ul> |
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Remarks:

The file contains technical information submitted after the application was filed and not included in this specification