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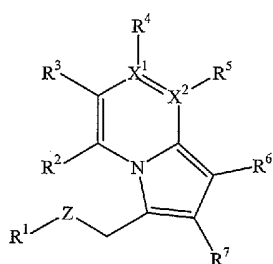
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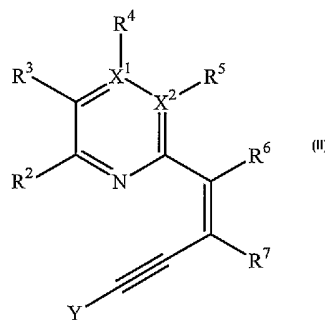
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR THE SYNTHESIS OF 3-SUBSTITUTED INDOLIZINE AND BENZOINDOLIZINE COMPOUNDS



(I)



(II)

(57) Abstract: A method of making a compound of Formula (I) comprises reacting a compound of Formula (II) with a compound such as R<sup>1</sup>OH or R<sup>1</sup>SH, to produce said compound of Formula (I). Compounds of Formula (I) are useful, among other things, as dyes, spectral sensitizers, glycosidase inhibitors, and as antibacterial, antiviral, and anti-inflammatory agents.

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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US05/47064

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **C07D 455/00( 2006.01),471/00( 2006.01),471/02( 2006.01),455/04( 2006.01),215/00( 2006.01),215/08( 2006.01),221/02( 2006.01)**  
  
 USPC: 544/250,346;546/81,88,94,112,152,180  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 544/250,346;546/81,88,94,112,152,180

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	KALOKO J Direct synthesis of nonfunctionalized indolizine derivatives bearing alkoxymethyl substituents at C-3 and their benzofused analogues. See abstract	1-14

Further documents are listed in the continuation of Box C.  See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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