PROCESS FOR PREPARING CHLOROMETHYL DI-TERT-BUTYLPHOSPHATE

A process is provided for preparing chloromethyl di-tert-butylphosphate (an intermediate for use in preparing water-soluble azole antifungal compounds), wherein potassium di-tert-butylphosphate is reacted with chloromethyl chlorosulfate under mild conditions (15 to 25 °C) in the presence of a base such as sodium carbonate or potassium carbonate, catalyst such as tetrabutylammonium sulfate or tetrabutylammonium chloride and an organic solvent such as dichloromethane or tetrahydrofuran. A process for preparing an azole antifungal agent employing the chloromethyl di-tert-butylphosphate (prepared in accordance with the present invention) is also provided.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(8) : C07F 09/17, 09/09
   US CL : 558/117, 136

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
   U.S. : 558/117, 136

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)
   EAST; WEST; STN CAS Online: FILE REG, FILE CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search: 20 March 2006 (20.03.2006)

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