

Title (en)  
PROCESS FOR THE PREPARATION OF PAROXETINE AND STRUCTURALLY RELATED COMPOUNDS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON PAROXETIN UND STRUKTURELL VERWANDTER VERBINDUNGEN

Title (fr)  
PROCEDE DE PREPARATION DE PAROXETINE ET COMPOSES STRUCTURELLEMENT APPARENTES

Publication  
**EP 1187830 A1 20020320 (EN)**

Application  
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Abstract (en)  
[origin: WO0078753A1] The (-) trans isomer of 4-(4'-fluorophenyl)-3-(3, 4'-methylenedioxyphenoxymethyl)-piperidine(paroxetine) according to formula (1) is used in therapy as the hydrochloride salt to treat inter alia depression, obsessive compulsive disorder (OCD) and panic. There is described a process for the preparation of a compound of formula (1) or a phramaceutically acceptable salt thereof, in which R<1> is a substituted phenyl group, the process comprising hydrolysing a solution of a carbamate of formula (2) in which R<1> is as defined above and R<2> is a C1-6 alkyl group, a C3-6 cycloalkyl group, aralkyl group, phenyl or substituted phenyl group; with a base by forming a finely divided complex derived from the base and the carbamate and heating it in suspension in a solvent.

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