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INDIAN PATENT OFFICE

IN199804

(12) INDIAN PATENT SPECIFICATION

(11) Patent No. 199804	(45) Date of Publication of Granted Patent: 12/10/2007 Journal No. 41/2007	
(21) Patent Application No. 382/DEL/2002	(71) Applicant(s) : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	
(22) Date of filing : 28/03/2002		
(51) International Classification : A61K 31/00	(72) Inventor(s) : 1. ARUN KUMAR SINHA 2. BHUPENDRA PRASAD JOSHI 3. RUCHI ACHARYA	
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(86) PCT International Application No.	(24) PCT International filing Date. NA	
(30) Priority Details.		
(33) Convention Country(s).	(31) Application No(s).	(32) Priority Date.
NA	NA	:NA
(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF PHARMACOLOGICALLY ACTIVE α-ASARONE FROM TOXIC β-ASARONE RICH ACORUS CALAMUS OIL"		
(57) Abstract: The present invention relates to a process for the preparation of high purity and yield a-asarone, trans 2,4,5-trimethoxy cinnamaldehyde, 2,4,5-trimethoxy-phenyl propionone, from p-asarone or P-asarone rich Acorus calamus oil containing a and y-asarone by hydrogenating, followed by treatment with DDQ with or without solid support of silica gel or alumina in dry organic solvent and a-asarone can also be obtained by treating the hydrogenated product of P-asarone or P-asarone rich Acorus calamus with DDQ in an aqueous organic solvent to obtain an intermediate 2,4,5-trimethoxy phenyl propionone, which in turn is reduced with sodiumborohydride to obtain the corresponding 2,4,5-trimethoxy-phenyl propanol and followed by final treatment with a dehydrating agent		

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