(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2015

(43) Publication Date : 27/01/2017

(54) Title of the invention : NOVEL RESVERATROL DERIVATIVES WITH THERAPEUTIC ACTIVITY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K 31/00 :NA :NA :NA	 (71)Name of Applicant : 1)CHITKARA UNIVERSITY Address of Applicant :Chandigarh-Patiala National Highway (NH-64) Tehsil Rajpura, Distt. Patiala Punjab India Punjab India (72)Name of Inventor :
(86) International Application No	:NA	1)DR. ARORA SANDEEP
Filing Date	:NA	2)DR. CHITKARA MANSI
(87) International Publication No	: NA	3)DR. GOYAL ANJU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses new derivatives of Resveratrol consisting of the molecule to which nitrous oxide (NO) is attached at different positions. The new molecules are neither present in nature nor have been disclosed in the prior art. The new molecules possess improved therapeutic activity as anti-inflammatory compounds compared to known compound diclofenac sodium. The structure and biological activity of the compounds is disclosed.

No. of Pages : 18 No. of Claims : 4