## **Supporting Information**

## Dimethyl homophthalates to naphthopyrans: total synthesis of arnottin I

## and the formal synthesis of (-)-arnottin II

Ravi Jangir and Narshinha P. Argade\*

Division of Organic Chemistry, National Chemical Laboratory (CSIR), Pune 411 008, India.

E-mail: np.argade@ncl.res.in

Electronic Supplementary Material (ESI) for RSC Advances This journal is The Royal Society of Chemistry 2014



C-13 NMR 50 MHz CDCI3 CHLOROFORM-d -140.15 -140.15 -134.02 132.18 -129.81 -126.92 <u>∼</u>111.68 √111.12 -174.29 -167.83-120.15 C55.85 55.71 55.71 52.07 51.95 -46.48 ~35.17 -33.39 77.00 .COOMe .OMe `OMe ĊOOMe (**3a**) C<sub>21</sub>H<sub>24</sub>O<sub>6</sub>











Electronic Supplementary Material (ESI) for RSC Advances This journal is The Royal Society of Chemistry 2014

H-1 NMR 200 MHz CDCl3













Electronic Supplementary Material (ESI) for RSC Advances This journal is © The Royal Society of Chemistry 2014









H-1 NMR 200 MHz









Chemical Shift (ppm)



Electronic Supplementary Material (ESI) for RSC Advances This journal is © The Royal Society of Chemistry 2014



C-13 NMR 50 MHz CDCI3 CHLOROFORM-d -177.88 -151.82 -147.49 -146.13 -145.67~129.30 --127.74 ~123.23 —121.20 —114.16 \_\_\_\_108.86 \_\_\_108.06 -100.68 -168.22 -134.81-77.00 —55.88 —52.43 -46.43 ~34.53 -33.10 -61.44 OMe .COOMe MeO ĊOOH (**7c**) C<sub>21</sub>H<sub>22</sub>O<sub>8</sub> Hugelal with appropriate the table of the restored of the address of the address of the state of the state of t 192 184 176 168 160 152 144 136 128 120 112 104 96 88 80 72 64 56 48 40 32 24 16 8 0 Chemical Shift (ppm)

















