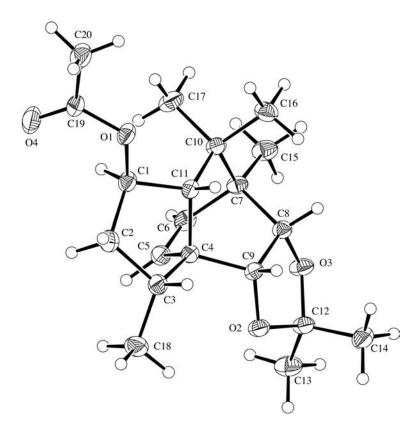
## Chemoenzymatic Routes to Enantiomerically Enriched and Polyoxygenated Perhydro-3,5a-methanoindeno[4,5-c] furans Related to the Tashironin Class of Sesquiterpenes

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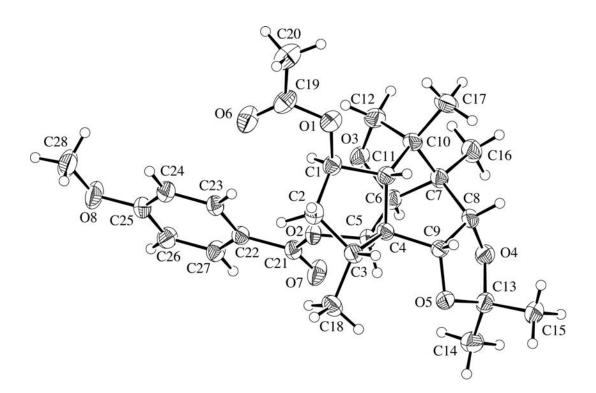
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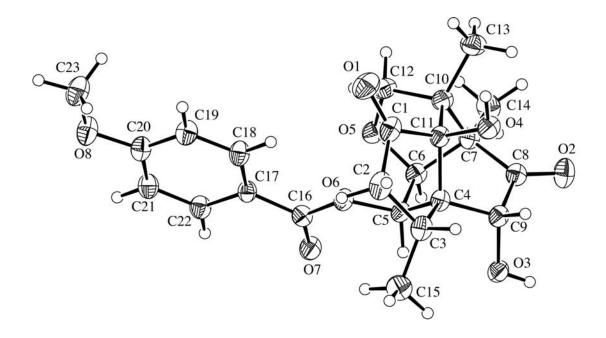
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| – Anisotropic Displacement Ellipsoid Plots for Compounds 10, 13, 17 and 20 | S2   |
| - <sup>1</sup> H and <sup>13</sup> C NMR Spectra of Compounds <b>10–22</b> | S5   |



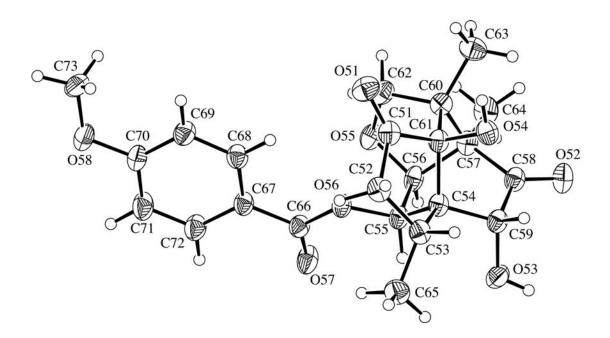
**Figure S1**: Structure of compound **10** (CCDC 1028238) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.



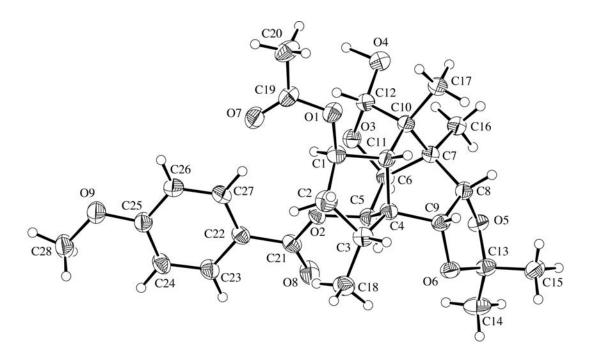
**Figure S2**: Structure of compound **13** (CCDC 1028241) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.



**Figure S3a**: Structure of <u>molecule 1</u> of compound **17** (CCDC 1028242) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.



**Figure S3b**: Structure of molecule 2 of compound 17 (CCDC 1028242) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.



**Figure S4**: Structure of compound **20** (CCDC 1028244) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

