

**Supporting Information**  
**for**  
**A Method to Derive Structural Information on Molecules from**  
**Residual Dipolar Coupling NMR Data**

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Table S1. Chirality at seven united CH1 atoms of the ring characterised by the definition of the improper dihedral angles defined by atoms with numbers (Figure 2, main text)  $i$ - $j$ - $k$ - $l$  and the value  $35.26439^\circ$ . For the definition of a dihedral angle see Refs. 39 and 47 of the main text.

$i$	$j$	$k$	$l$
3	4	7	2
8	3	10	7
10	7	11	12
13	10	15	11
15	11	16	21
17	15	18	16
19	4	16	18