Supporting Information for:

Stereoselective synthesis of functionalized carbocyclic amides; construction of the syn-(4aS,10bS)-phenanthridone skeleton

Sajjad Ahmad, Michael D. Swift, Louis J. Farrugia, Hans Martin Senn and Andrew Sutherland *

WestCHEM, School of Chemistry, The Joseph Black Building, University of Glasgow, Glasgow, UK G12 8QQ. Email: Andrew.Sutherland@glasgow.ac.uk

Table of Contents

1. Experimental for Molecular Modeling S2
2. References S2
3. ¹H NMR and ¹³C NMR Spectra of All New Compounds S3–S26
1. Experimental for Molecular Modeling
Conformers of 2 were fully optimized at the PBE1,2+D3/def2-TZVP4,5 level, including a COSMO6,7 polarisable continuum solvent model for CH₂Cl₂ (εᵣ = 8.09). All calculations were performed with the TURBOMOLE⁸–¹⁴ program.

2. References
Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry
This journal is © The Royal Society of Chemistry 2012
15