

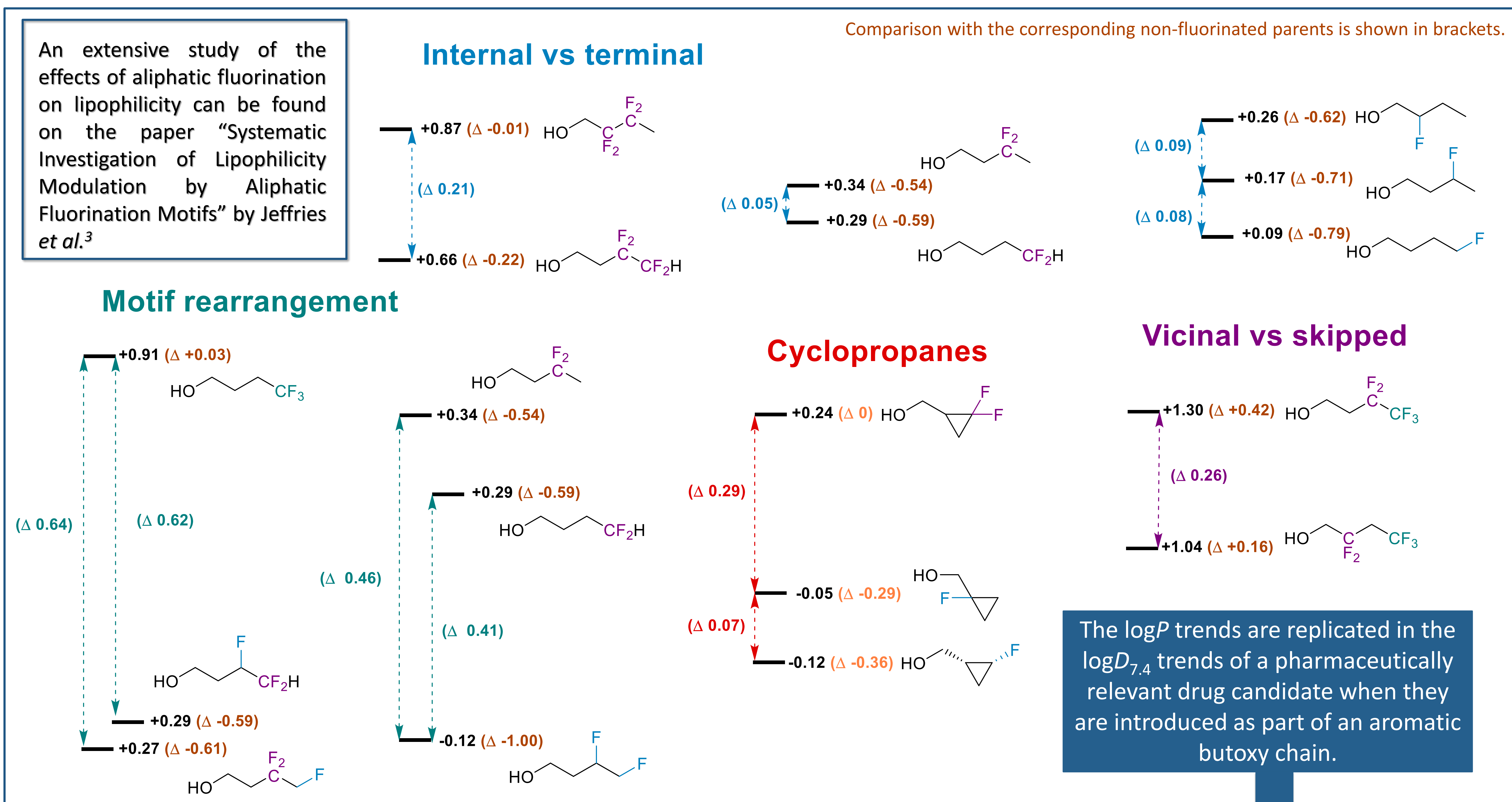
Mariana Manso,¹ Bruno Linclau^{*,1} and Steve Brough^{*2}

¹Chemistry, University of Southampton, Highfield, Southampton, SO17 1BJ, UK; ²Key Organics, Camelford, Cornwall PL32 9RA, UK
E-mail: m.g.manso@soton.ac.uk; bruno.linclau@soton.ac.uk; steveb@keyorganics.net.

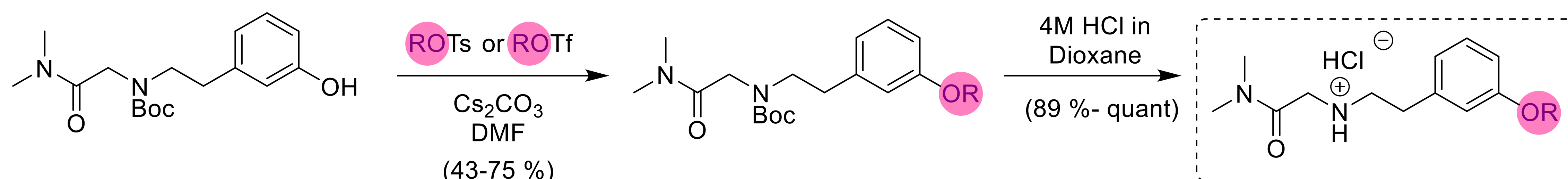
Lipophilicity is an important parameter in drug discovery

- Next to bioactivity, optimisation of lipophilicity is crucial in drug development.

Fluorination as a tool to finetune lipophilicity¹⁻³



Incorporation of the fluorinated moiety:



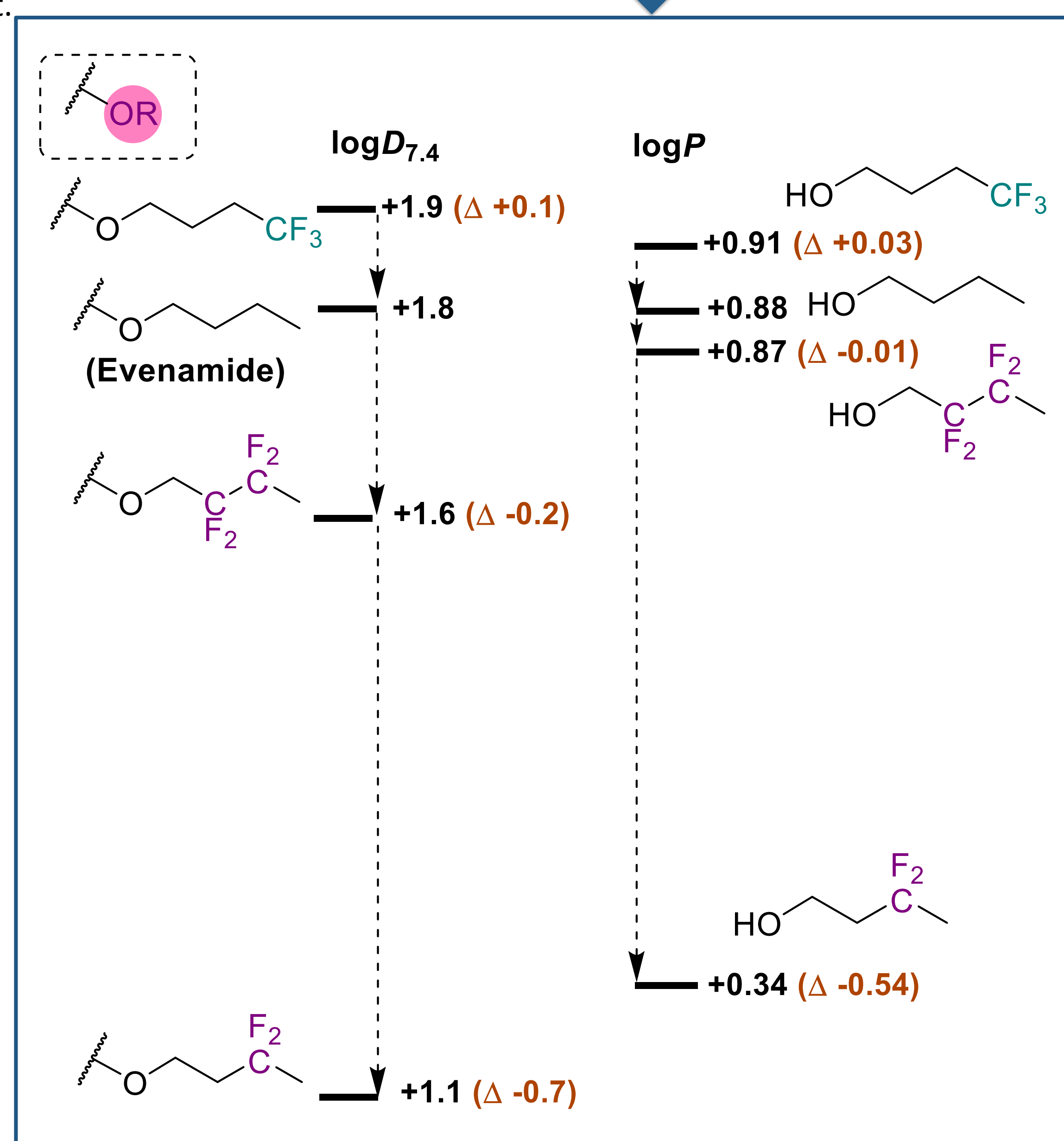
Stock of compounds available

SS-7000	SS-7001	SS-7007	SS-7005	SS-7012
SS-7008	SS-7002	SS-7006	SS-7004	AS-59918
SS-7009	SS-7011	SS-7003	SS-7010	AS-32926

Please visit our shop at:
www.keyorganics.net

Key Organics
Chemistry | Innovation | Quality

T: +44 (0) 1840 212137
E: enquiries@keyorganics.net



Acknowledgements:

We would like to thank to University of Southampton & EPSRC Impact Acceleration Account for support.

References:

- [1] Jeffries, B.; Wang, Z.; Troup, R. I.; Goupille, A.; Le Questel, J.-Y.; Fallan, C.; Scott, J. S.; Chiarparin, E.; Graton, J.; Linclau, B. *Beilstein J. Org. Chem.* **2020**, *16*, 2141–2150.
- [2] Linclau, B.; Wang, Z.; Compain, G.; Paumelle, V.; Fontenelle, C.; Wells, N.; Weymouth-Wilson, A. *Angew. Chem. Int. Ed.* **2015**, *55*, 674 (VIP paper).
- [3] Jeffries, B.; Wang, Z.; Felstead, H. R.; Le Questel, J.; Scott, J. S.; Chiarparin, E.; Graton, J.; Linclau, B. *J. Med. Chem.* **2020**, *63*, 1002–1031.