

Supplementary Information

Reduction of hydroxy-functionalised carboranyl carboxylic acids and ketones by organolithium reagents

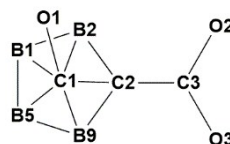
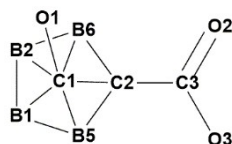
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Crystal data

Table S1. Comparison of bond lengths [Å] of salborin (CCDC 792729)¹ and its lithium salt (CCDC 1039317) and schematic representations of the respective atom labellings.

Salborin		Li salt of salborin	
C(1)–O(1)	1.374(2)	C(1)–O(1)	1.277(2)
C(1)–C(2)	1.660(1)	C(1)–C(2)	1.867(9)
C(2)–C(3)	1.500(1)	C(2)–C(3)	1.527(1)
C(3)–O(2)	1.221(2)	C(3)–O(2)	1.263(5)
C(3)–O(3)	1.294(1)	C(3)–O(3)	1.239(1)
C(1)–B(5)	1.735(2)	C(1)–B(9)	1.797(1)
C(1)–B(6)	1.751(2)	C(1)–B(2)	1.768(1)
C(1)–B(1)	1.695(2)	C(1)–B(5)	1.700(1)
C(1)–B(2)	1.691(2)	C(1)–B(1)	1.699(1)
C(2)–B(5)	1.738(2)	C(2)–B(9)	1.691(1)
C(2)–B(6)	1.723(1)	C(2)–B(2)	1.707(1)
B(1)–B(5)	1.766(1)	B(5)–B(9)	1.781(1)
B(2)–B(6)	1.774(2)	B(1)–B(2)	1.776(1)
B(1)–B(2)	1.788(2)	B(1)–B(5)	1.798(2)



References

- 1 M. Scholz, G. N. Kaluderović, H. Kommera, R. Paschke, J. Will, W. S. Sheldrick and E. Hey-Hawkins, *Eur. J. Med. Chem.*, 2011, **46**, 1131.