

Radical-cation salts of BEDT-TTF with tris-coordinated racemic dysprosium(III) and terbium(III) anions

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Supplementary Information

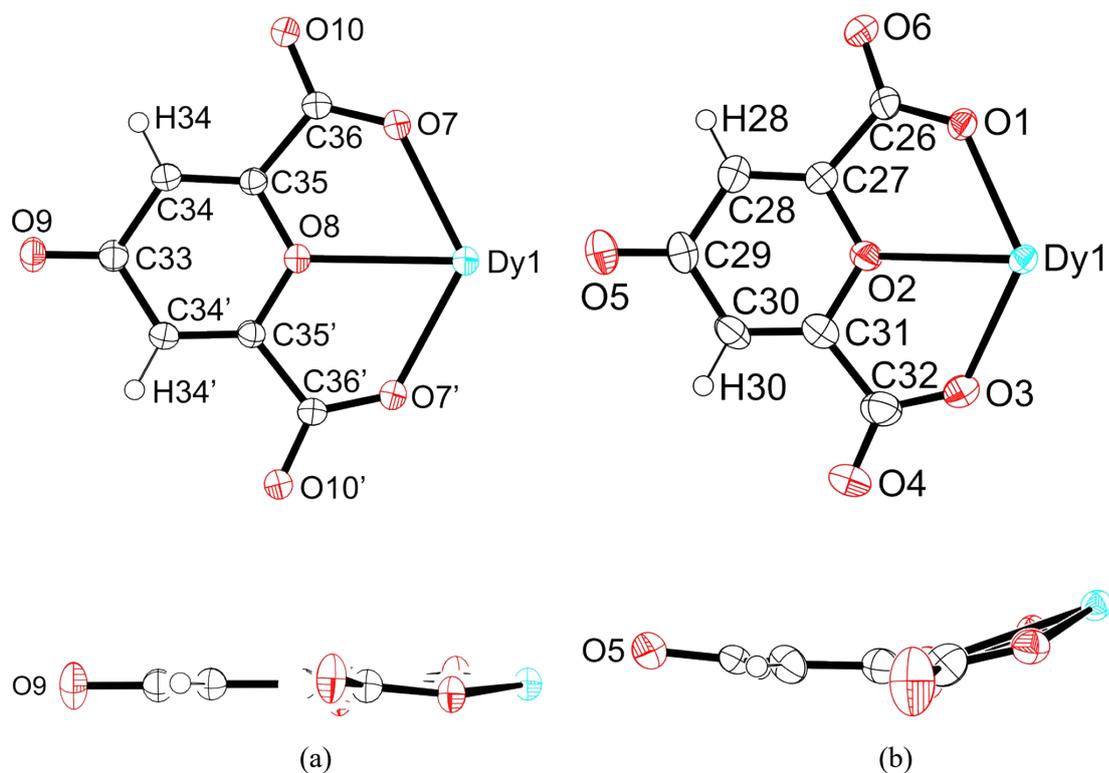
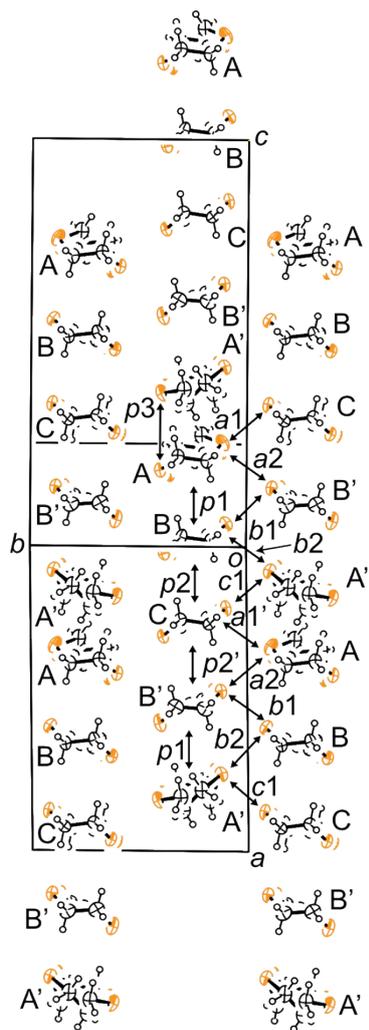


Fig. S1 Molecular structure of the 1.5 crystallographically independent clo ligands of **Dy**. (a) The clo with O9. (b) The clo with O5.



Overlap Integrals

M = Tb (293 K) M = Dy (30 K)

$p1 =$	2.633×10^3	4.279×10^3
$p2 = -p2' =$	4.660	2.492
$p3 =$	-3.077	-5.137
$a1 = -a1' =$	8.288	11.040
$a2 =$	3.429	7.715
$b1 =$	6.081	5.989
$b2 =$	9.089	3.279
$c1 = -c1' =$	8.524	5.845

Fig. S2 Donor arrangement of Tb and Dy