ESI Fig 1  Alternative view of 1 showing Ar\textsuperscript{f} rings π-stacked and the twist of the Ar\textsuperscript{f} rings relative to the BO\textsubscript{2} fragments.
**ESI Fig 2** Alternative view of 2 along the B–Cl bond direction highlighting the Cl in the cleft between 2 calixarene rings.
ESI Fig 3  Alternative view of 3 along the B–F bond direction showing F and CF$_3$ groups in calixarene clefs.
ESI Fig 4 Alternative view of 4 showing the Ar\(^f\) groups distorted to avoid unfavourable CF\(_3\)···CF\(_3\) steric interactions and the twist of the Ar\(^f\) rings relative to the BO\(_2\) fragments.