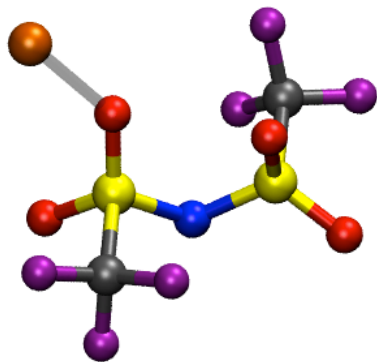


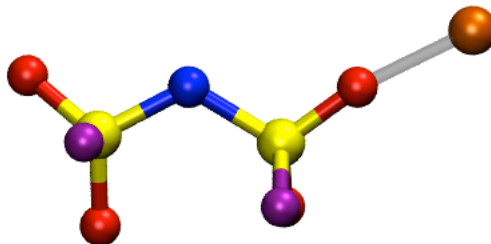
Monodentate (κ^1)

(a)



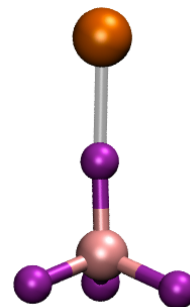
$$r_{\text{Li}^+-\text{O}} = 2.00 \text{ \AA}$$

(b)



$$r_{\text{Li}^+-\text{O}} = 2.03 \text{ \AA}$$

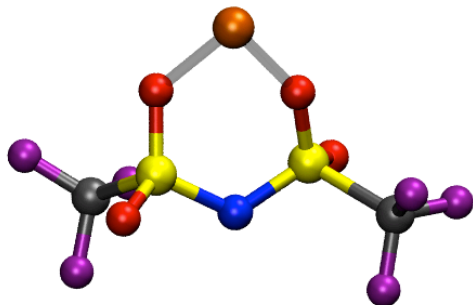
(c)



$$r_{\text{Li}^+-\text{F}} = 1.91 \text{ \AA}$$

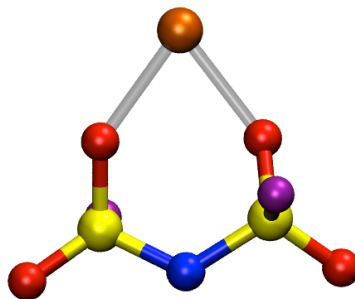
Bidentate (κ^2)

(d)



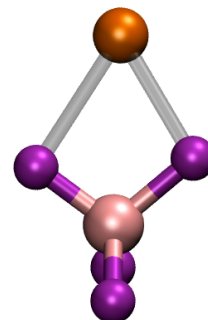
$$r_{\text{Li}^+-\text{O}} = 2.10 \text{ \AA}$$

(e)



$$r_{\text{Li}^+-\text{O}} = 2.21 \text{ \AA}$$

(f)



$$r_{\text{Li}^+-\text{F}} = 2.12 \text{ \AA}$$