

Supplementary Information

Table S1: Selected torsion angles relative to the “twist” between the two phenyl rings of each Ar_F¹ ligand.

Compound		Torsion angle (°) [*]		Torsion angle (°) [*]		Torsion angle (°) [*]
4	C13—C14—C141—C142	122.0(4)				
	C15—C14—C141—C146	116.1(4)				
4a	C13—C14—C141—C146	124.0(3)				
	C15—C14—C141—C142	122.2(3)				
5	C13—C14—C141—C146	118.7(4)	C23—C24—C241—C246	122.8(4)		
	C15—C14—C141—C142	123.1(4)	C25—C24—C241—C242	123.1(4)		
6	C33—C34—C341—C346	119.6(3)				
	C35—C34—C341—C342	126.3(3)				
7	C13—C14—C141—C146	114.3(4)	C23—C24—C241—C246	112.8(4)	C33—C34—C341—C346	123.5(4)
	C15—C14—C141—C142	116.1(5)	C25—C24—C241—C242	113.4(4)	C35—C34—C341—C342	126.2(4)
9	C13—C14—C141—C146	118.9(5)				
	C15—C14—C141—C142	118.5(5)				
10	C13—C14—C141—C142	111.0(7)				
	C15—C14—C141—C146	109.4(7)				

* Strictly, the modulus of the torsion angle.