ESI Table 1 Selected bond lengths (Å) and angles (°) for compounds **I** – **V**[a]

	I	**II**	**IIIa**	**IIIb**	**IV**	**V**
Fc1/Fc2: average Cp C—C	1.418(7)	1.415(8)/1.413(9)	1.414(7)	1.417(12)	1.41(2)/1.422(12)	1.424(6)
Cg1—Fe1/Cg3—Fe2	1.6486(13)	1.6531(11)/1.6558(11)	1.6457(16)	1.6472(11)	1.652(2)/1.651(2)	1.6447(9)
Cg2—Fe1/Cg4—Fe2	1.6491(13)	1.6478(11)/1.6519(12)	1.6488(16)	1.6534(12)	1.649(2)/1.647(2)	1.6456(9)
Cp1—Cp2/Cp3—Cp4: dihedral	1.2(2)	2.72(7)/0.14(9)	3.5(3)	2.95(18)	2.4(4)/1.7(4)	2.82(15)
Cp1—Cp2/Cp3—Cp4: torsion	2.07(5)	5.2(3)/6.4(2)	1.70(13)	8.3(4)	36(2)/6.0(6)	1.8(3)
C(1)—C(11)/C(21)—C(13)/C(1)—C(11a)	1.458(5)	1.425(3)/1.434(3)	1.434(6)	1.430(3)	1.415(8)/1.425(8)	1.435(15)/1.480(13)
C(11)—C(12)/C(13)—C(14)/C(11a)—C(12a)	1.194(5)	1.182(3)/1.177(3)	1.196(5)	1.189(3)	1.205(7)/1.210(7)	1.246(14)/1.307(12)
C(12)—C(adjacent)/C(14)—C(adjacent)	1.424(5)	1.442(3)/1.442(3)	1.441(6)	1.433(3)	1.370(8)	1.50(1)
Cp1—Nap/Cp3—Nap: dihedral	85.66(8)	78.77(7)/80.95(6)	3.1(3)	14.46(16)	-	-
Cp1—Cp3: dihedral	-	3.99(8)	-	-	87.2(2)	180

[a]**Notation:**

Fc1/Fc2: ferrocenyls containing Fe1 and Fe2 respectively

Cyclopentadienyl rings: Cp1, C(1)···C(5); Cp2, C(6)···C(10); Cp3, C(21)···C(25); Cp4, C(26)···C(30).

Cg1-Cg4: centroid of cyclopentadienyl rings Cp1-Cp4 respectively

Naphthalene ring system: Nap, C(31)···C(40).

C(adjacent): **I**, C(31); **II**, C(31)/C(38); **III**, C(31); **IV**, C(14); **V**, C(12a).