Table 1S. Crystal data and structure refinement for **2**:**5**:

Identification code	gib08
Empirical formula	$C_{56}H_{78}F_{12}N_2O_{12}P_2$
Formula weight	1261.14
Temperature	173(2) K
Wavelength	0.71073 Å
Crystal system	Monoclinic
Space group	$P2_1/c$
Unit cell dimensions	a = 10.2919(2) Å alpha = 90^o
	b = 22.9186(5) Å beta = $94.8390(10)^o$
	c = 26.2672(4) Å gamma = 90^o
Volume, Z	6173.7(2) $Å^3$, 4
Density (calculated)	1.357 mg/m^3
Absorption coefficient	0.166 mm^{-1}
F(000)	2648
Crystal size	0.50 x 0.50 x 0.30 mm
Crystal color	Colorless Block
q range for data collection	1.18 to 28.48^o
Limiting indices	$-13 \leq h \leq 13$, $-30 \leq k \leq 30$, $-33 \leq l \leq 31$
Reflections collected	23781
Independent reflections	12610 [R_{int} = 0.0320]
Refinement method	Full-matrix least-squares on F^2
Data/restraints/parameters	12596/0/763
Goodness-of-fit on F^2	1.061
Final R indices [I>2σ(I)]	R1 = 0.1024, wR2 = 0.2507
R indices (all data)	R1 = 0.1461, wR2 = 0.2957
Largest diff. peak and hole	0.758 and -0.712 $eÅ^{-3}$