

Supplementary data

Insight into the Mesogenic Character of 15-Membered Triolefinic Azamacrocycles, and their Diolefinic Open Precursors and Pd(0)-complexes.

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Structural data of the mesophases measured by X-ray diffraction. Each column lists, respectively, the compound name, the temperature of the experiment, the mesophase type, the measured spacings, the proposed indexing, and the measured parameters (d : layer thickness in the SmC phase; a , b : lattice constants in the columnar mesophases).

Compound	Temperature (°C)	Mesophase	Spacings (Å)	$h k$	Parameters (Å)
2a	55	SmC	36	-	$d = 36$
1c	75	Col _h	34.3	1 0	$a = 39.6$
1b	61	Col _h	30.8	1 0	$a = 35.6$
3b	65	Col _r	34.3	2 0	$a = 68.6$
			25.6	1 1	$b = 27.6$
			17.15	4 0	
			13.8	0 2	