

	Type Ib	Type IIa		Type IIb
		oligothiophene-based	acene-based	
no. rings	[5, 7]	[2, 6]	[2, 4]	1
% ring linkage	0	1	0	0
% 6-membered rings	1	0	1	[0, 1]
no. primary ammonium	2	2	2	1
linker length	[0, 2]	[0, 6]	[0, 6]	[0, 3]
ammonium position	[0.5, 1]	1	1	(0, 1]
no. N (pyridine)	0	0	0	[0, 4]
no. F	0	0	0	[0, 2]
no. O (furan)	0	0	0	[0, 1]
no. N (pyrrole)	0	[0, 2]	0	[0, 1]
no. side chain (linker)	0	0	0	[0, 2]
no. side chain (backbone)	0	0	0	0
Number of molecules	3	12	2	58