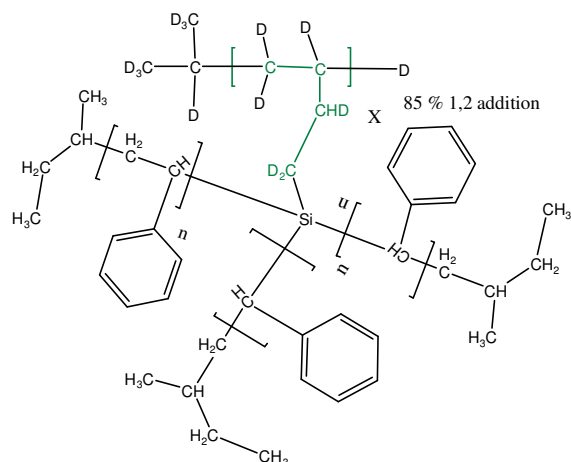


Sample Name:

Protonated Multiarm Polystyrene With Deuterated Core

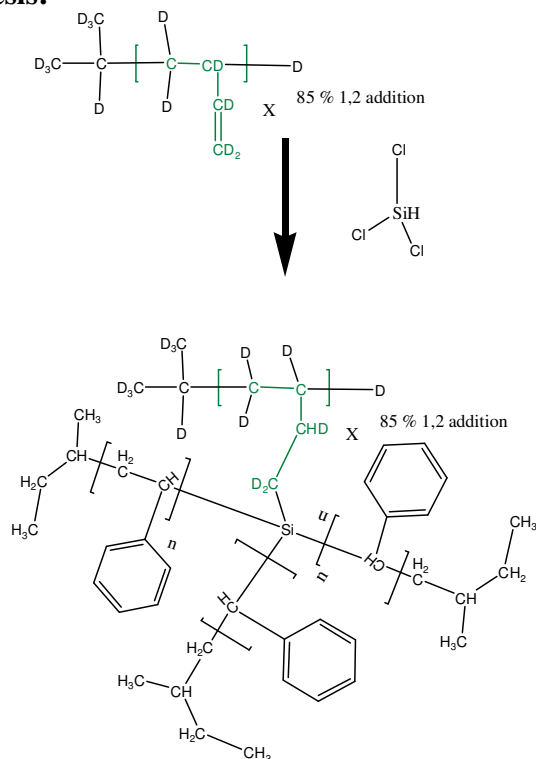
Sample # P18560-68S

68-arm Polystyrene

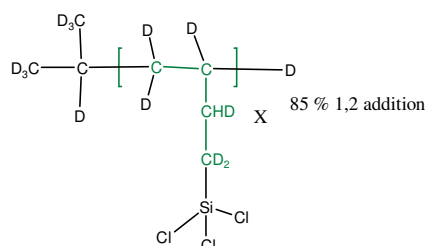


$M_n \times 10^3$ of one arm (g/mol)	Total $M_n \times 10^3$ (g/mol)	PDI
1.0	68.0	1.17

Synthesis:



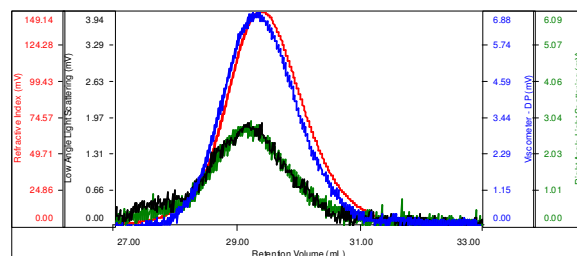
Linker (core): Lot# P18559.



SEC elugram of the PS arm:

Sample ID: P18560-S Branch

Concentration (mg/mL)	2.8753
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1

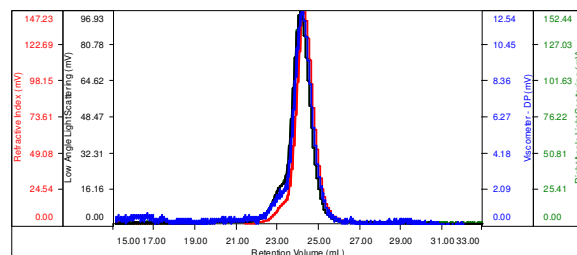


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18560-1_01(213).vdt	1,090	1,247	1,080	1.145	0.0684

SEC elugram of the multiarm PS:

Sample ID: P18560-S star

Concentration (mg/mL)	2.0296
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18560-S_star_crd_01.vdt	68,180	75,489	69,357	1.107	0.1361