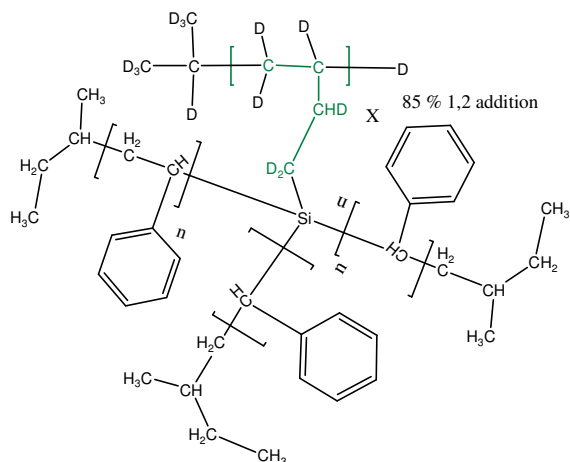


Sample Name:

## Protonated Multiarm Polystyrene With Deuterated Core

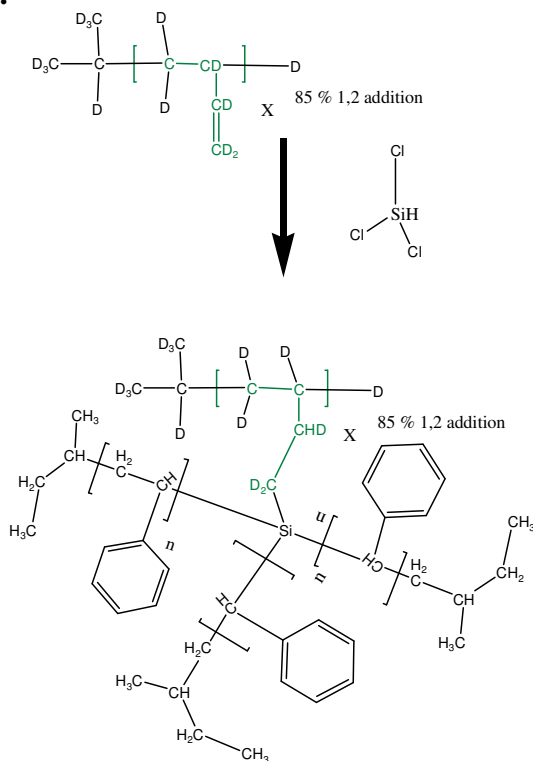
Sample # **P18827-17S**

**17-arm Polystyrene**

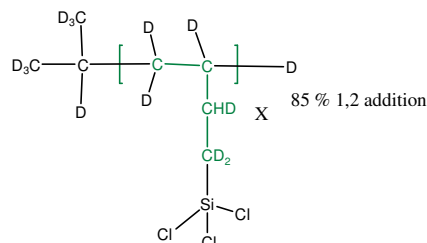


$M_n \times 10^3$ of one arm (g/mol)	Total $M_n \times 10^3$ (g/mol)	PDI
1.2	20.5	1.35

## Synthesis:



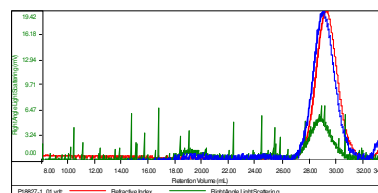
Linker (core): Lot# P18818.



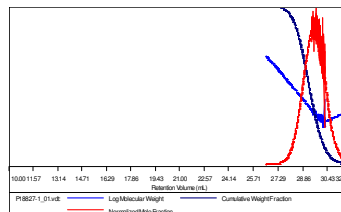
## SEC elugram of the PS arm:

Sample ID: P18827-S Branch

Concentration (mg/mL)	14.6759
Sample d/d: (mL/g)	0.1850
Method File	PS80K-august15-2014-0000.uvm
Column Set	3x PL 1113-6300
Solvent	THF



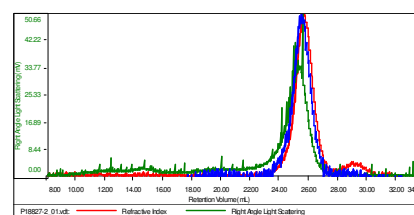
Sample	Mn	Mw	Mp	Mw/Mn	IV
P18827-1_01.vdt	1,232	1,591	1,358	1.291	0.0325



## SEC elugram of the multiarm PS:

Sample ID: P18827-S Star

Concentration (mg/mL)	4.8036
Sample d/d: (mL/g)	0.1850
Method File	PS80K-august15-2014-0000.uvm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18827-2_01.vdt	20,589	27,581	20,656	1.340	0.0480

