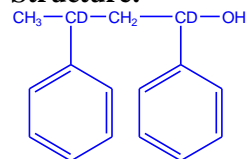


Sample Name:
Deuterated oligo(styrene), dimer-d2

Sample #: **P45216-dPS**

Structure:

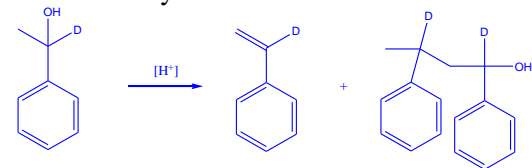


Composition:

$\text{Mn} \times 10^3$	PDI
0.65	1.0
Dp: 6	

Synthesis Procedure:

Deuterated styrene-dimer is obtained as a by-product in the process of making deuterated styrene-d1:

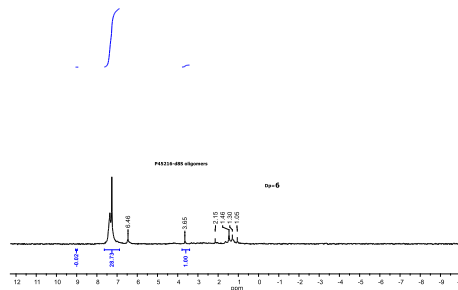
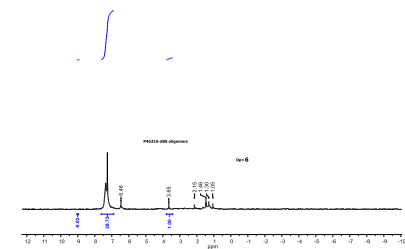


The pure product was separated by fractional distillation.

Oligomers	Elution colunts Mp Maxima HPLC (eV) at 1ml flow rate
1-Phenyl Ethanol	30.70
Styrene monomer	31.90
Dimer	30.25
Tetramer	29.36
Pentamer	29.00

Characterization:

D NMR run in CHCl3



FT-IR spectrum was recorded on the KBr disc. The product was verified by NMR in deuterated chloroform.

