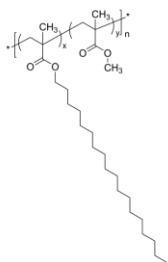


Sample Name: Poly(n-octadecyl methacrylate-co-methyl methacrylate), random
Or stearylmethacrylate and MMA, random

Sample #: P43670-ODMAMMAran

Structure:



Composition:

Mn x 10 ³ ODMAMMAran	PDI
43.0	1.04
ODMA: 15 mole%	

Synthesis Procedure:

Poly(octadecyl methacrylate-MMA) random copolymer is obtained by GTP polymerization process.

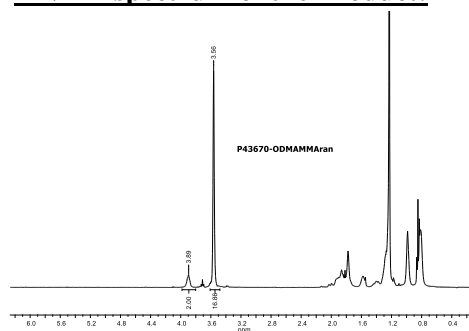
Characterization:

The molecular weight and polydispersity index (PDI) of Poly(octadecyl methacrylate) are obtained by size exclusion chromatography (SEC) and HNMR data analysis.

Solubility:

Poly(octadecyl methacrylate-MMA) random copolymer is soluble in THF, and CHCl₃. The polymer precipitates from hexanes, methanol, and ethanol.

HNMR spectrum of the Product:



SEC elugram of the Sample:

