

Product Profile

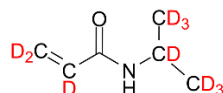
Identification

Product Name: d10-Poly(N-Isopropyl Acrylamide)

Product Lot Number: NIPAM-d10

Lot#: P44860

Chemical Architecture:

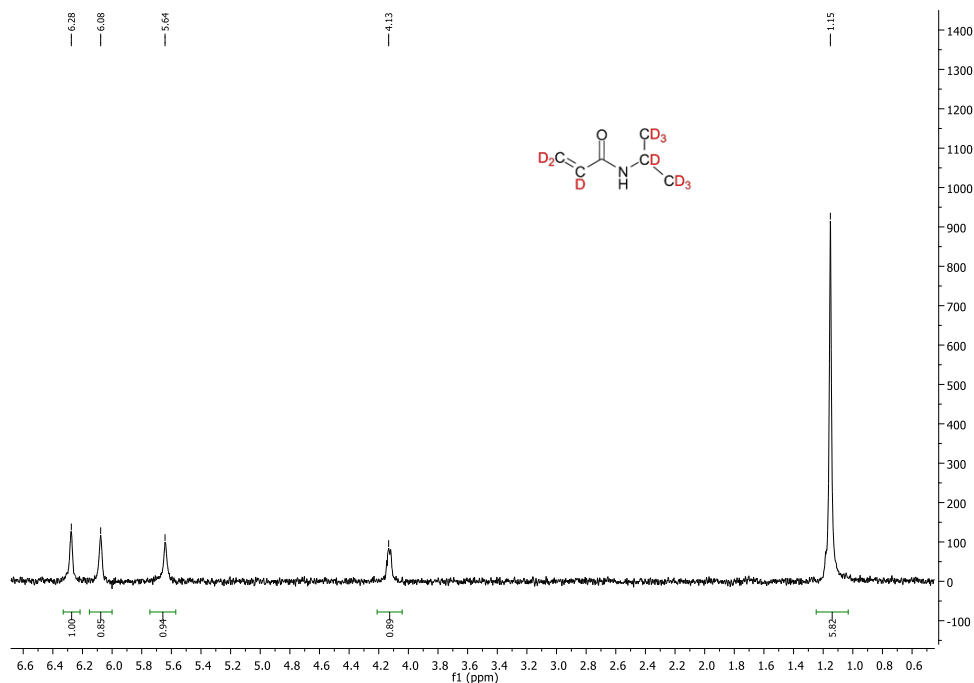


Composition:

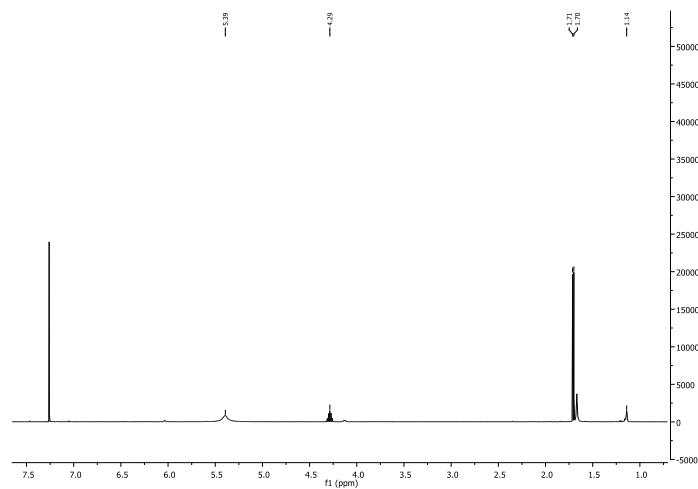
CAS#	purity% by GC-FID	Purity% by ¹ HNMR	Appearance @ ambient temperature	Empirical Formula	m.p	Mol. Weight
NA	+96%	>98	White powder	C ₆ H ₁ D ₁₀ NO	64	123.22

Validation of Architecture

A. NMR (¹HNMR) of d10-NIPAM- run in CHCl₃

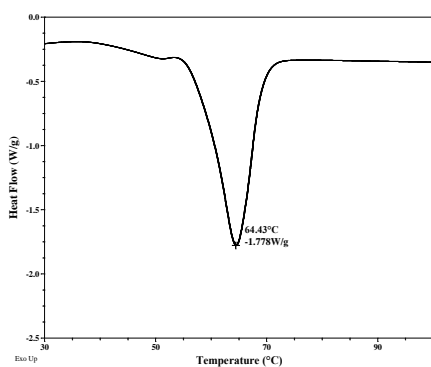


B. NMR (^1H NMR) of d10-NIPAM run in CDCl_3

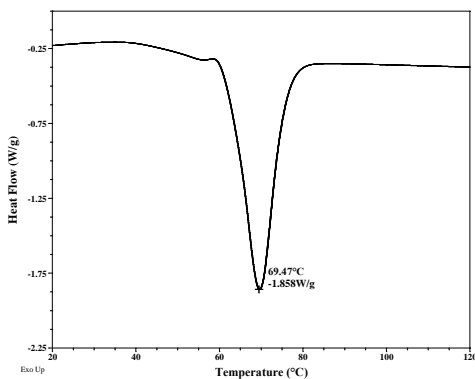


C. Thermal analysis

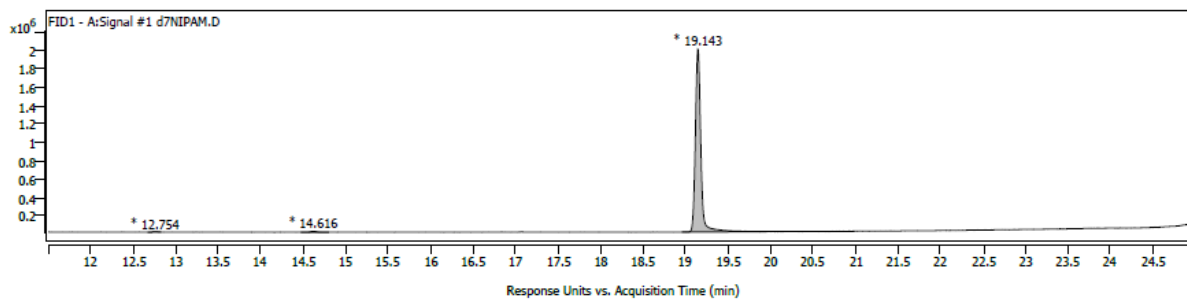
d10-NIPAM



NIPAM



Sample Chromatograms



Chromatogram Peaks

Peak	Start	RT	End	Height	Area	Area Sum	%
1	12.670	12.754	12.827	3583	14264		0.16
2	14.469	14.616	14.801	9883	46574		0.52
3	18.957	19.143	19.952	1990749	8914820		99.32

MassHunter Qual 10.0

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