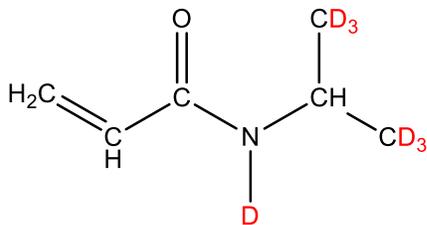


Sample Name:

Deuterated N-Isopropyl-d7 acrylamide

Sample #: **D7NIPAM (Lot# 44625)**

Structure:



Purity: $\geq 98\%$ (from ^1H NMR)

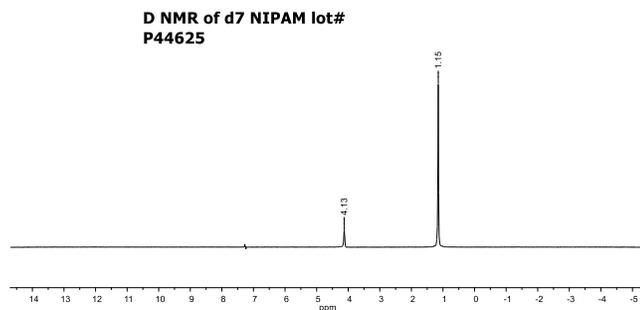
Melting point data:

T_m of d7NIPAM (deuterated):	64 °C
T_m of NIPAM (hydrogen-containing):	69 °C

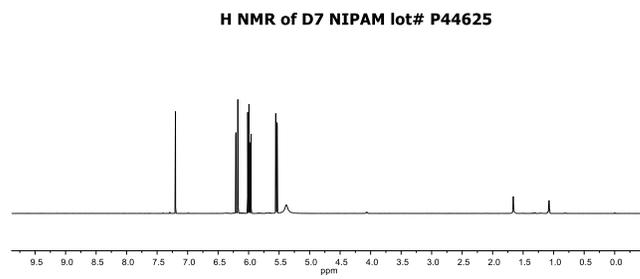
Characterization:

The molecular structure and purity of the product was characterized by FT-IR, ^1H and ^2H (D)-NMR spectroscopies. Thermal analysis was performed on TA Instruments Q100 differential scanning calorimeter (DSC) under a nitrogen atmosphere.

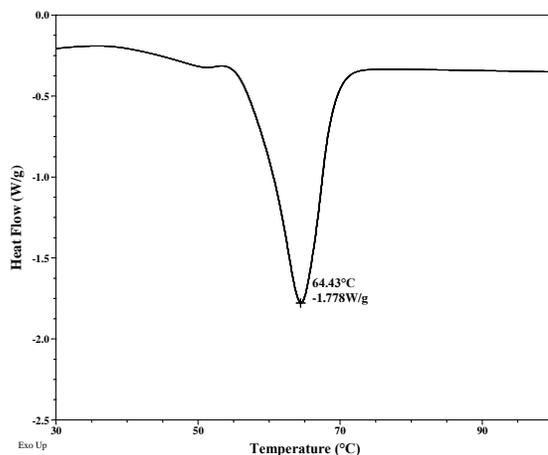
^2H -NMR spectrum of d7NIPAM in CHCl_3 :



^1H -NMR spectrum of d7NIPAM in CHCl_3



DSC curve of D7NIPAM:



DSC curve of hydrogen-containing NIPAM:

