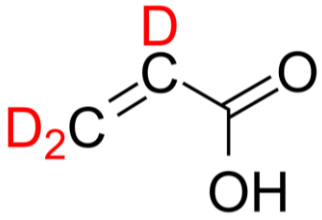
Sample Name: **Deuterated Acrylic acid-d3**

Sample #: **D3AA-98**

Lot#: **P70081-d3AA**

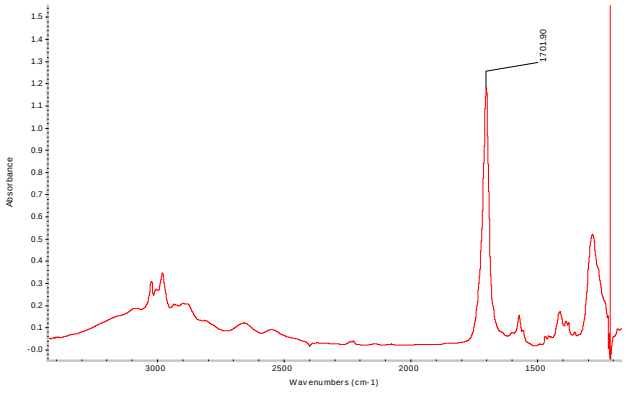
Structure:



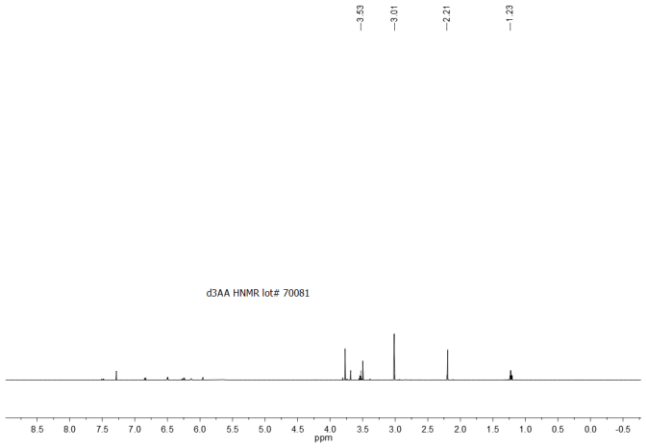
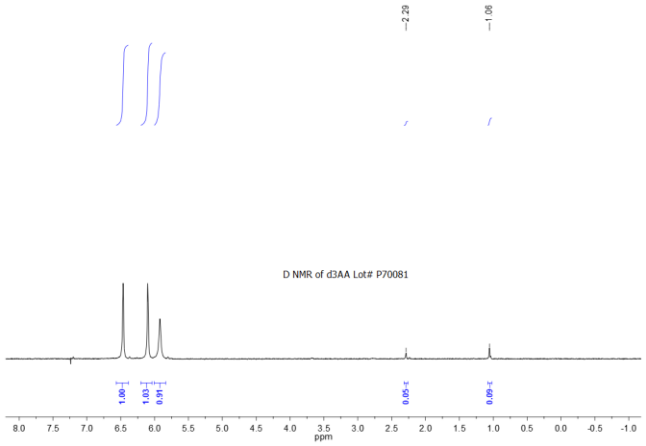
Characterization:

Chemical name:	Acrylic-2,3,3-D3 acid
IUPAC name:	Propenoic acid-D3
CAS registry number:	204259-63-2
Formula:	$C_3HD_3O_2$
Molecular weight:	75.04
Isotopic enrichment, D:	+98%
Chemical purity: (contain 4-5% propionic acid-d5)	96%

FT-IR of the d3AA in chloroform solution:



^{1}H NMR spectrum of the d3AA:



^{2}D NMR spectrum of the d3AA: