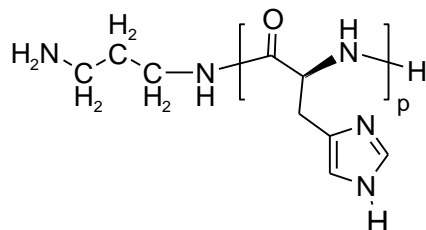


Sample Name: α,ω -Diamino terminated Poly L-Histidine

Sample#: P40869-His2NH2

Structure:

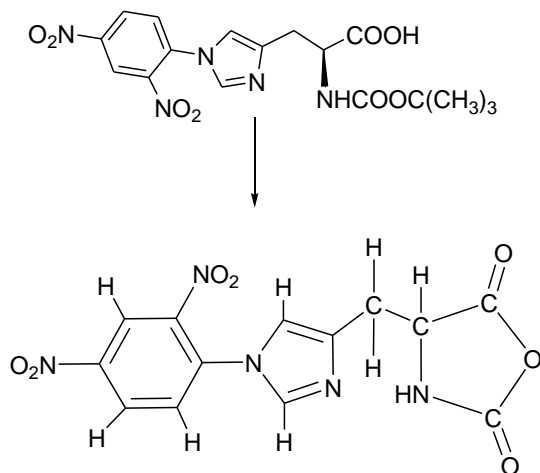


Composition:

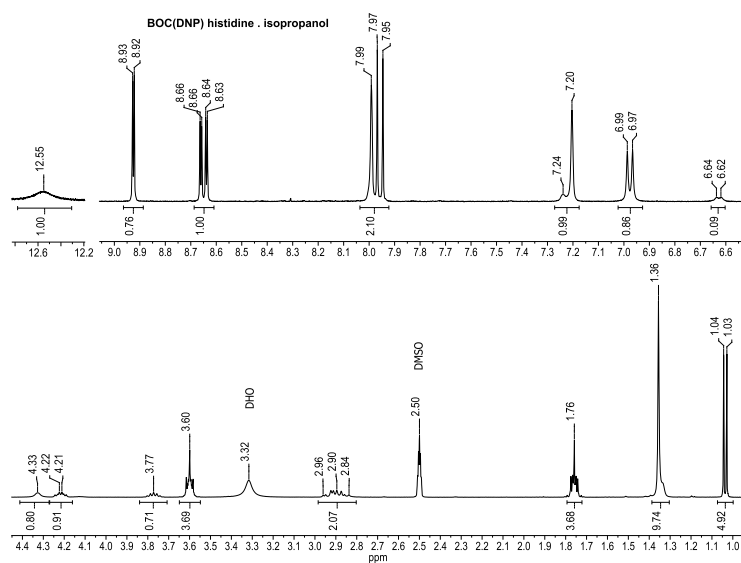
Mn x 10 ³	PDI
392.0	< 1.3
dP: 2550	By GPC

Synthesis:

Dinitro Phenyl histidine N-carboxy anhydride (NCA (DNP) Histidine) was prepared from BOC (DNP) Histidine isopropanol presented as below scheme:

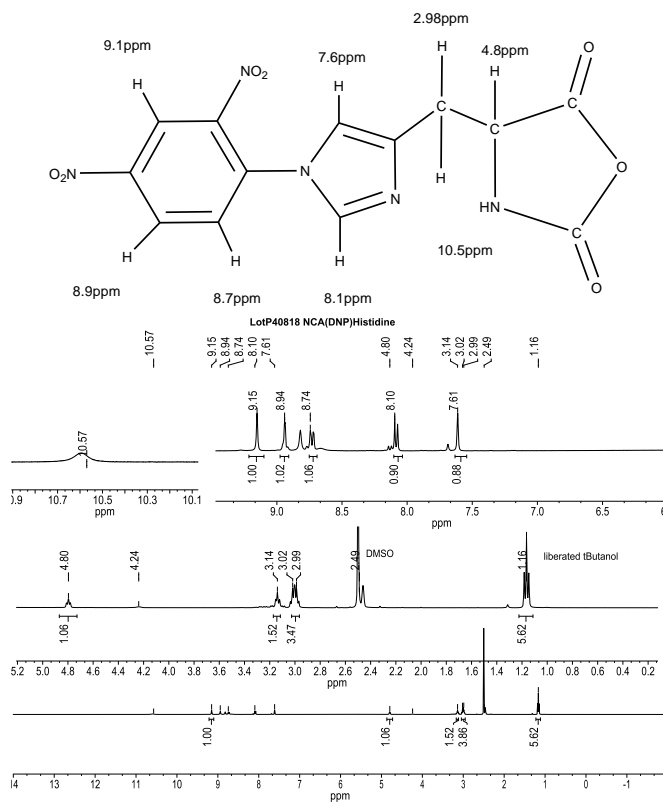


¹HNMR spectrum of BOC (DNP) Histidine.
Isopropanol run in dMSO d6;

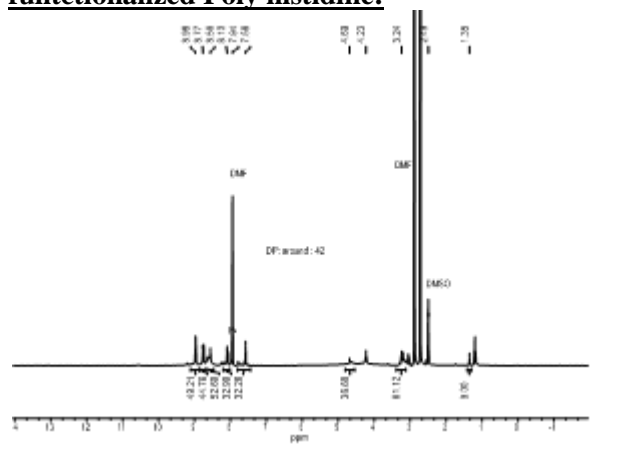


HNMR of NCA (DNP) Histidine run in dMSO d6:

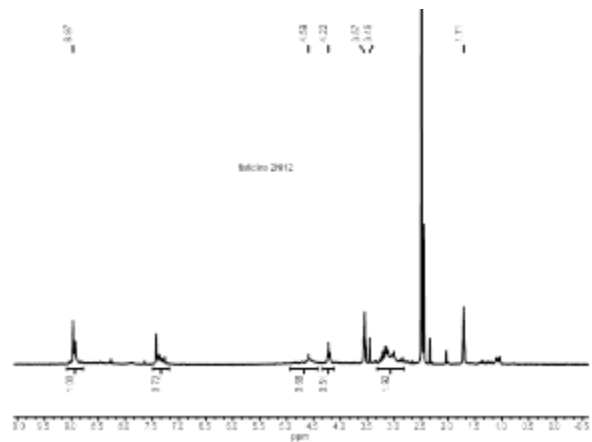
Chemical Shifts in d6 dMSO



¹HNMR spectrum of BOC-(DNP) amino end functionalized Poly histidine:



¹HNMR spectrum of Poly Histidine-2NH2:



Chemical shifts in DMSO:

