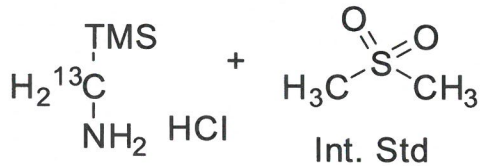
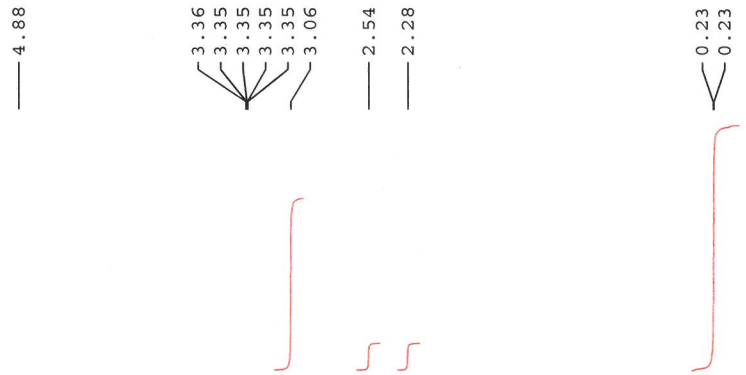
^{1}H NMR (500 MHz, CD_3OD)





Molar ratio =[I_{cpd}/nH_{cpd}]/[I_{std}/nH_{std}]

wt% = [mg_{std} × MW_{cpd} × molar ratio × P_{std}/mg_{cpd} × MW_{std}] x 100

	MW	mg	integral
Me_2SO_4	94.13	14	6.38
13C HCl salt	140.7	20	2.00
Std Purity	0.995		
Molar ratio	0.943		
wt%	98.174