

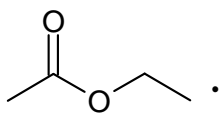
Example

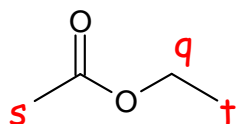
Better than
problem 5.13!

Predict (draw) the ^1H NMR spectrum for  .
Consider (list!) δ , multiplicity and integration.

Example

Better than
problem 5.13!

Predict (draw) the ^1H NMR spectrum for .
First list (the calculated) δ , multiplicity and integration.



CH_3 s, 3 H: $\delta = 0.23 + 0 + 1.55 = 1.78$ ppm

CH_2 q, 2 H: $\delta = 0.23 + 3.13 + 0.47 = 3.83$ ppm

CH_3 t, 3 H: $\delta = 0.23 + 0.47^? + 0 = 0.70$ ppm, probably too small

A drawing such as this is accurate enough:

