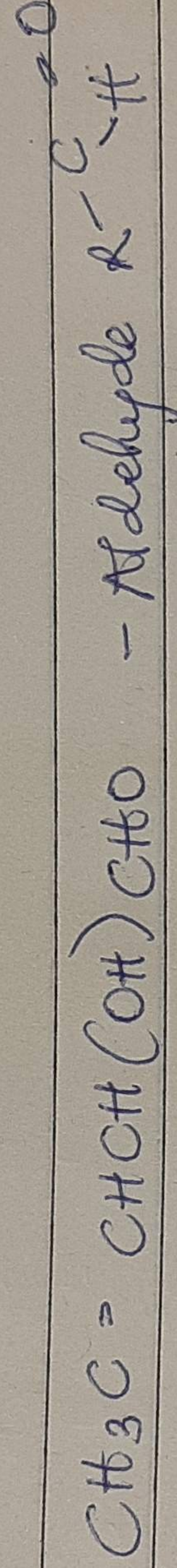
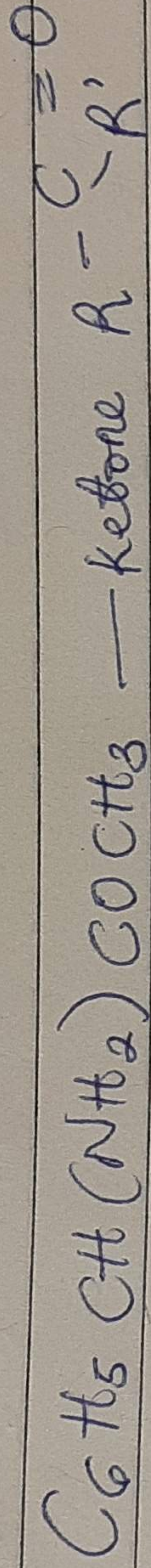
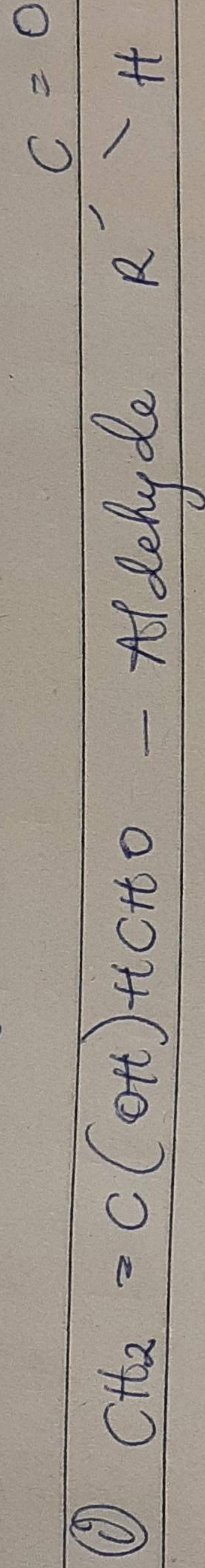


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 MATRIC NO: 19/MHSOI/265
 COURSE CODE: ~~PHARM~~ CHM 102
 MEDICINE AND SURGERY

Assignment



② Observed rotation = 1.0°

Concentration $g/cm^3 = \frac{0.856}{10} = 0.0856 g/cm^3$

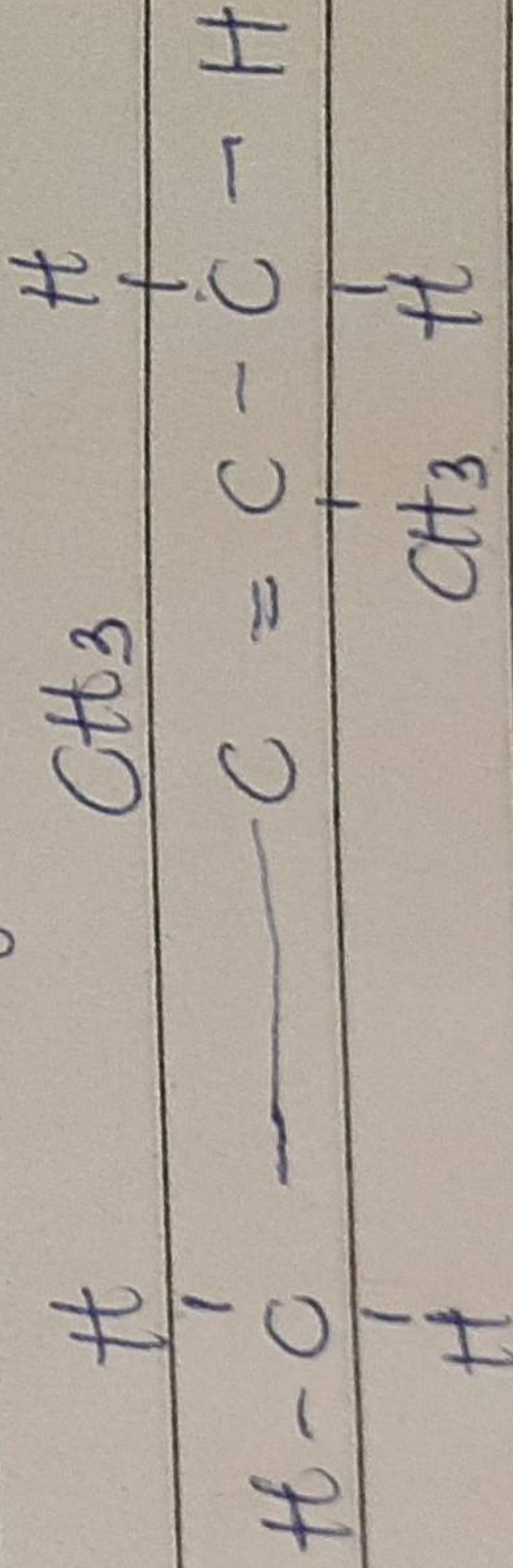
Specific rotation = observed rotation degrees

$\frac{conc. (g/cm^3) \times \text{length of sample}}{1.0^\circ}$

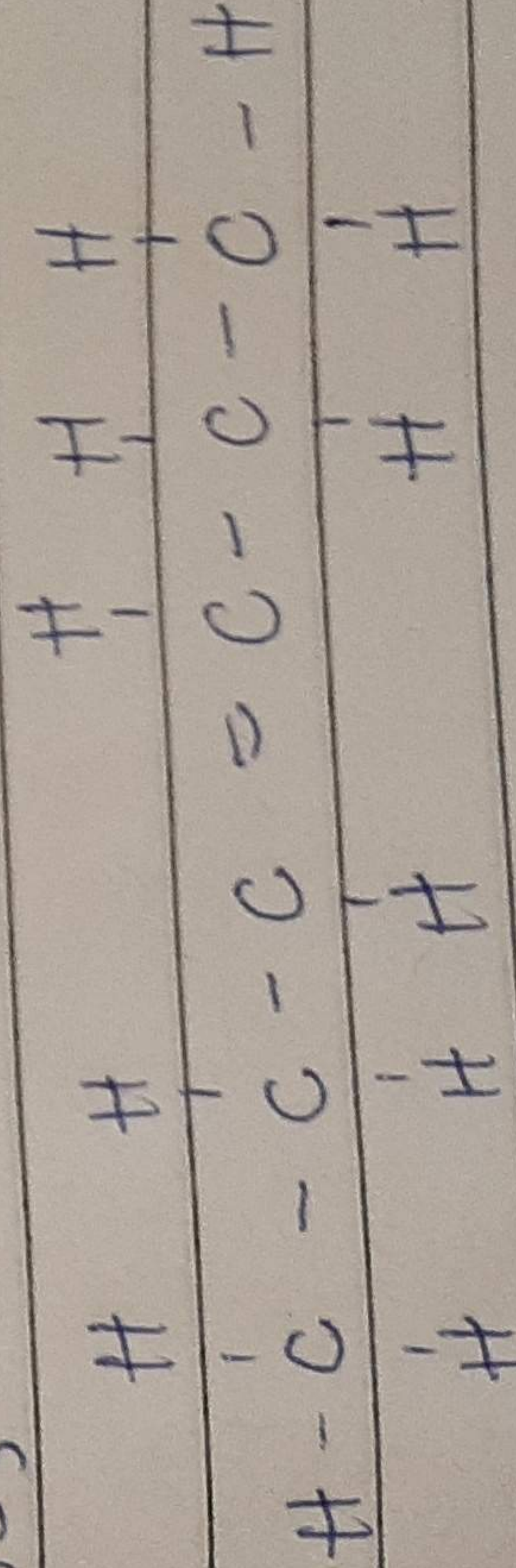
0.0856×1

$= 11.68^\circ g^{-1} cm^3 dm^{-1}$

2,3-Dimethylbut-2-ene



Isomers



Hex-3-ene

