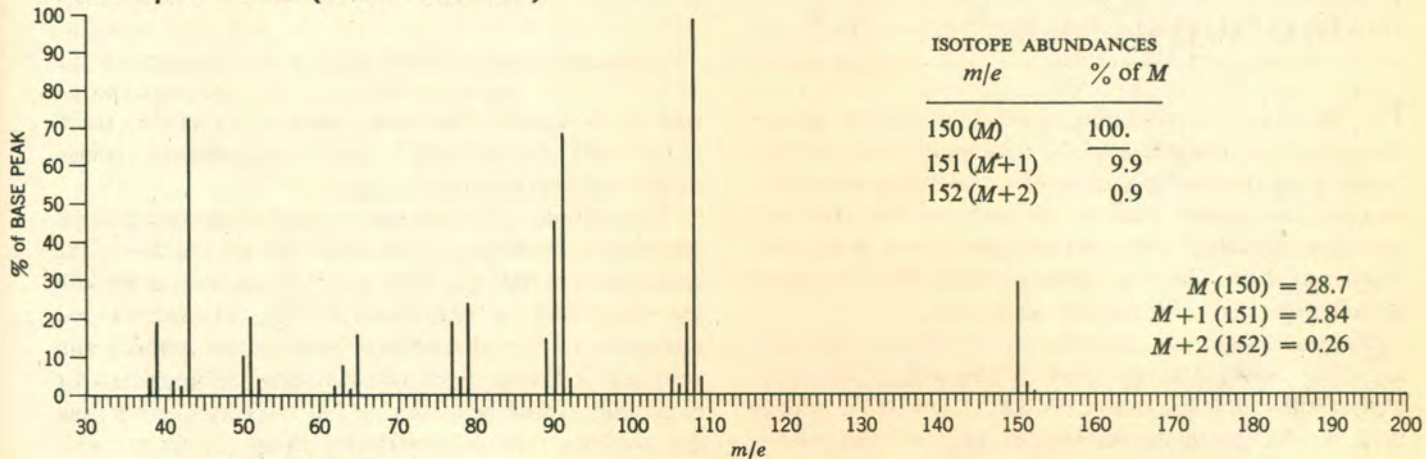


Mass Spectral Data (Relative Intensities)

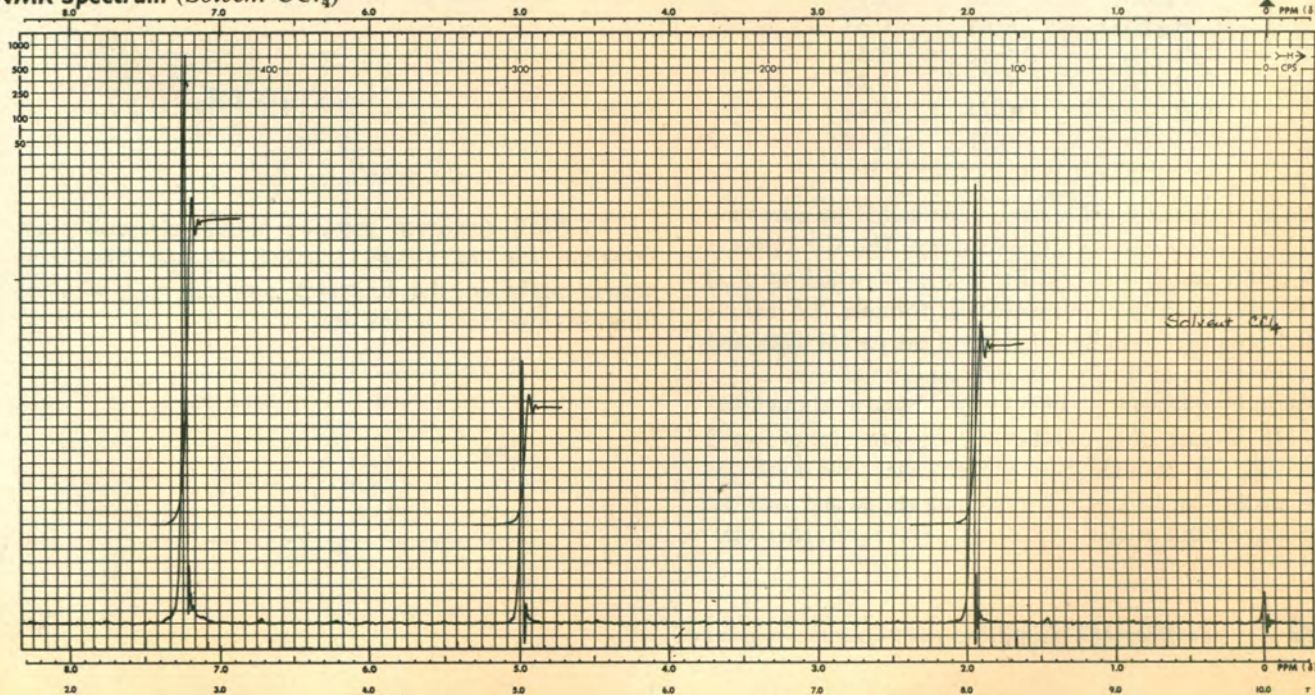


Ultraviolet Data

$\lambda_{\text{max}}^{\text{EtOH}}$	ϵ_{max}		
268	101	252	153
264	158	248 (s)	109
262	147	243 (s)	78
257	194		

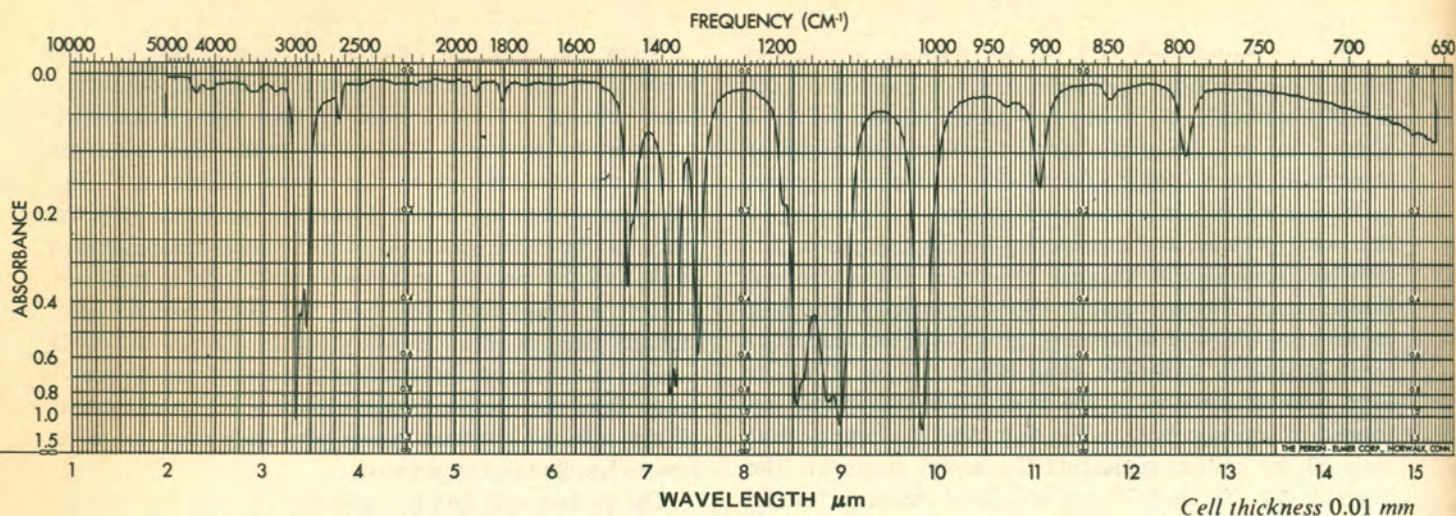
(s) = shoulder

NMR Spectrum (Solvent CCl₄)

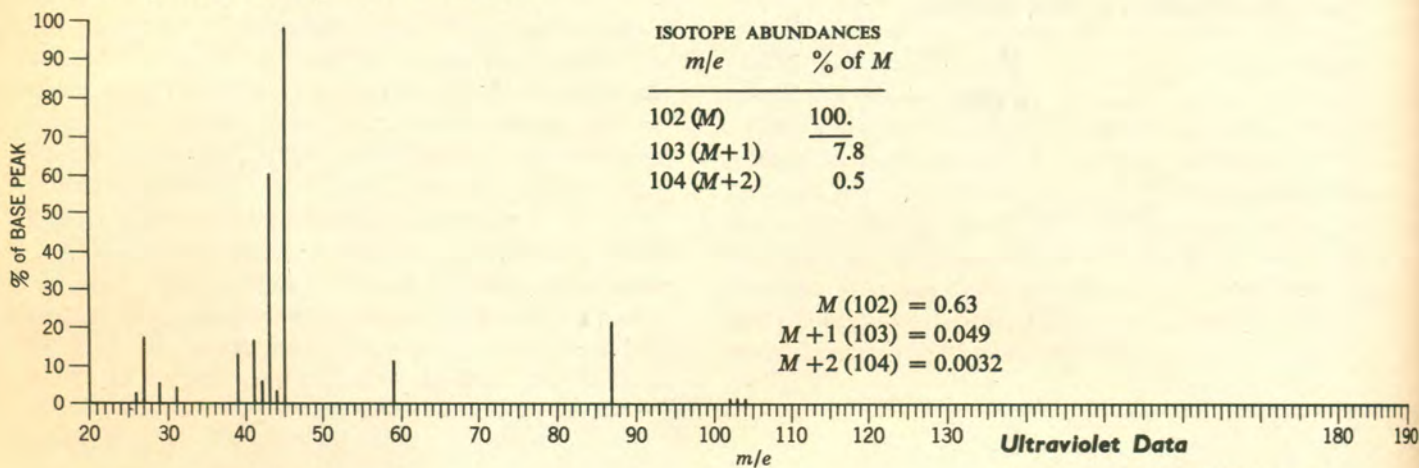


Infrared Spectrum

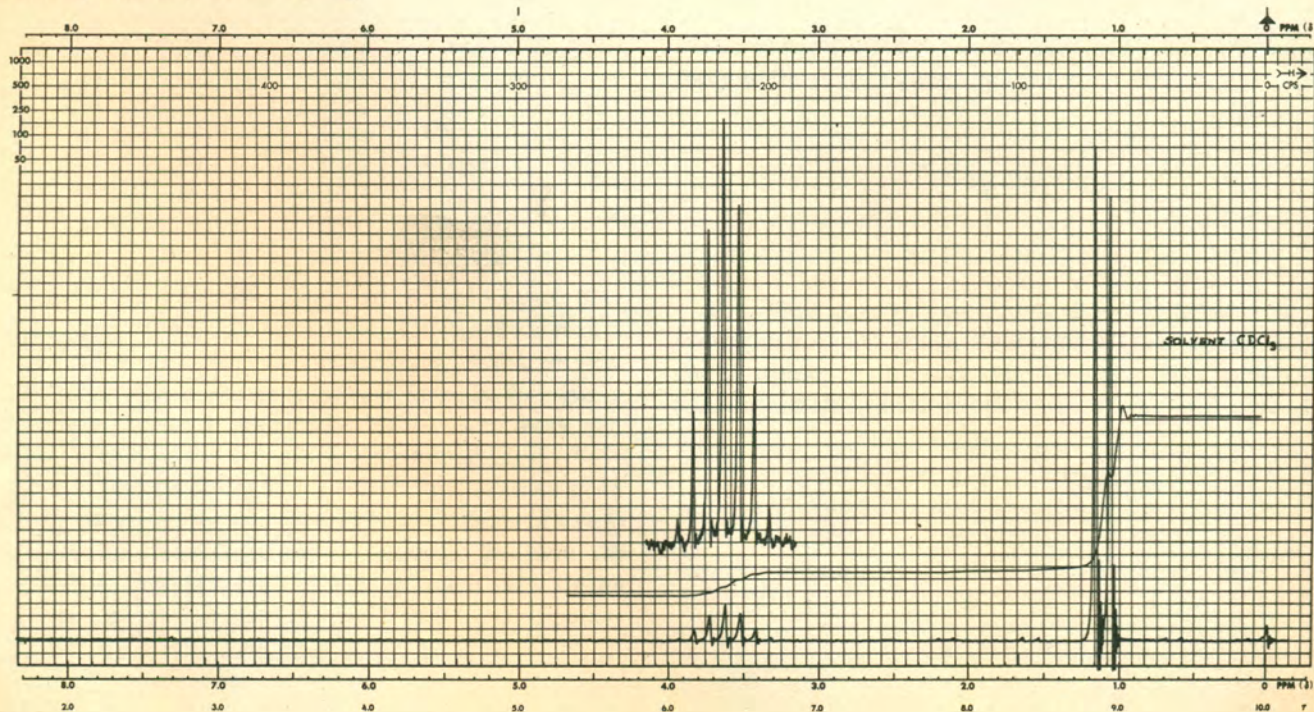
Compound 6-2

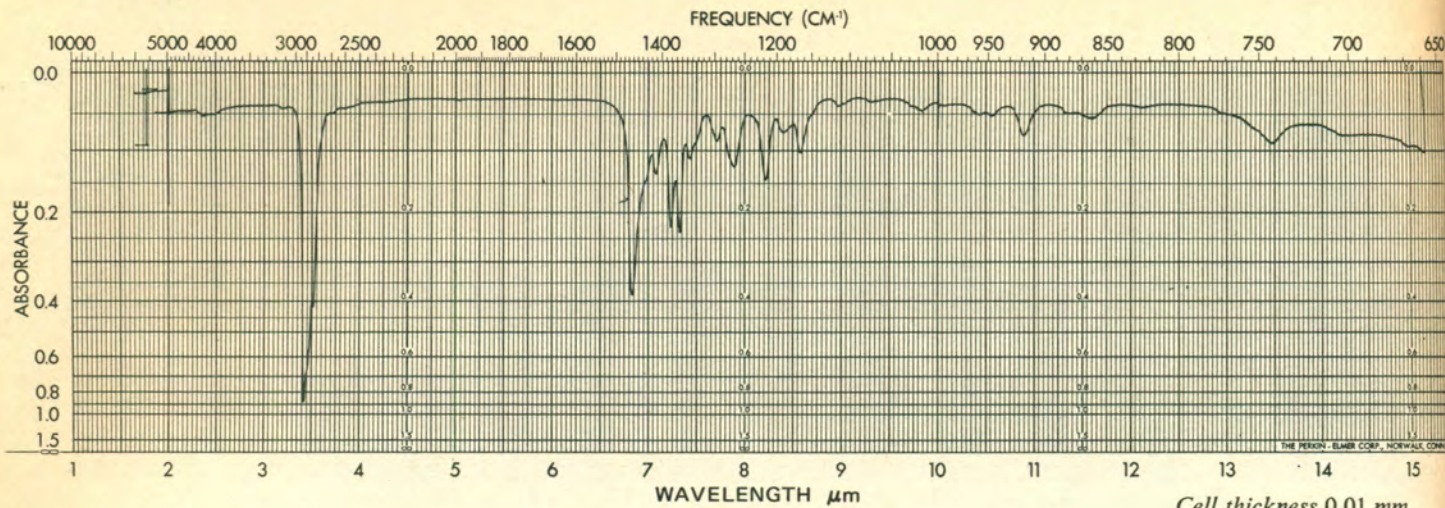


Mass Spectral Data (Relative Intensities)

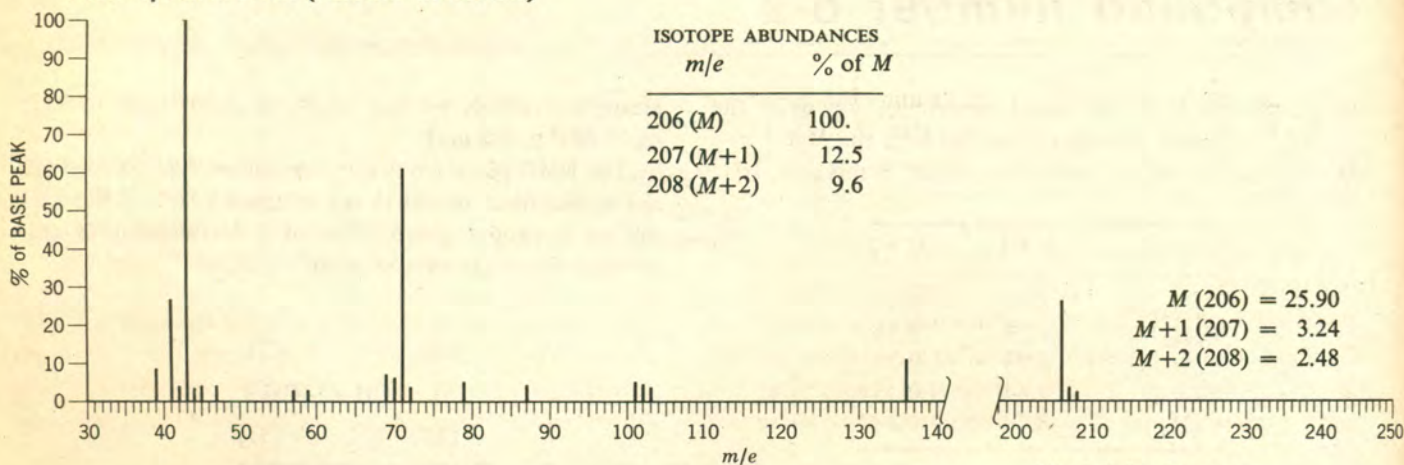


NMR Spectrum (Solvent CDCl₃)





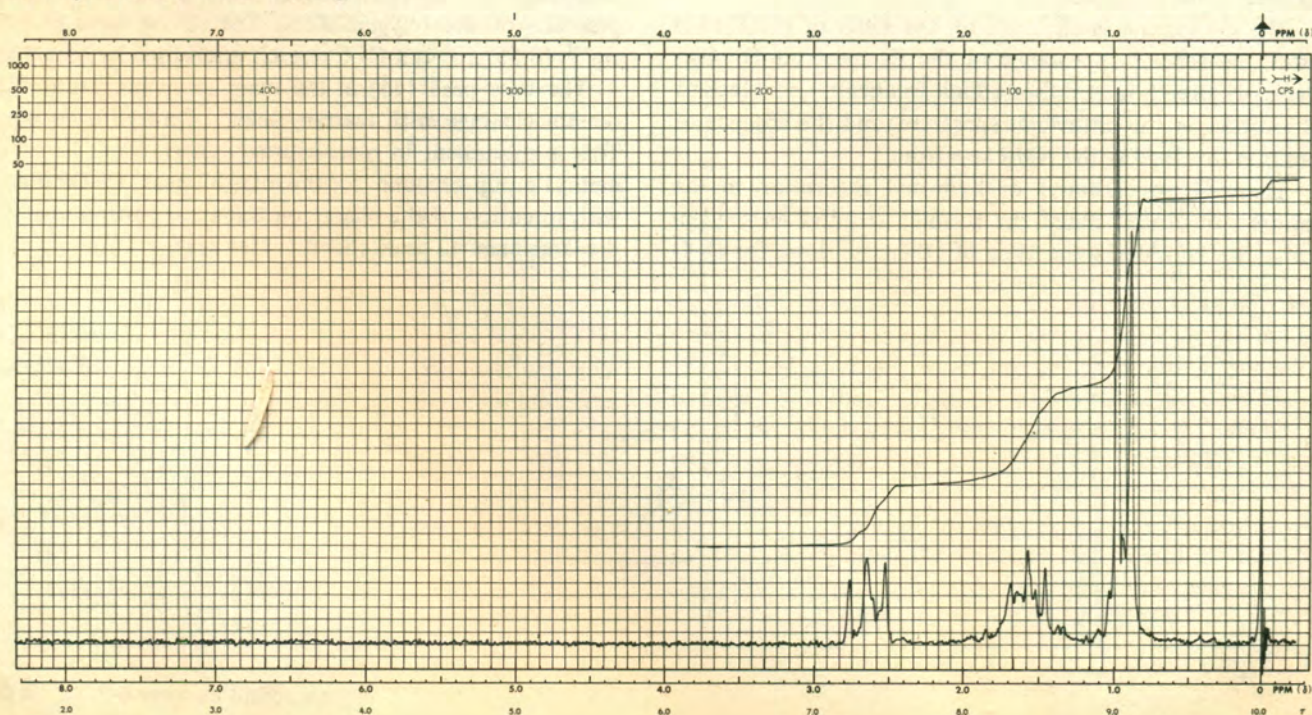
Mass Spectral Data (Relative Intensities)

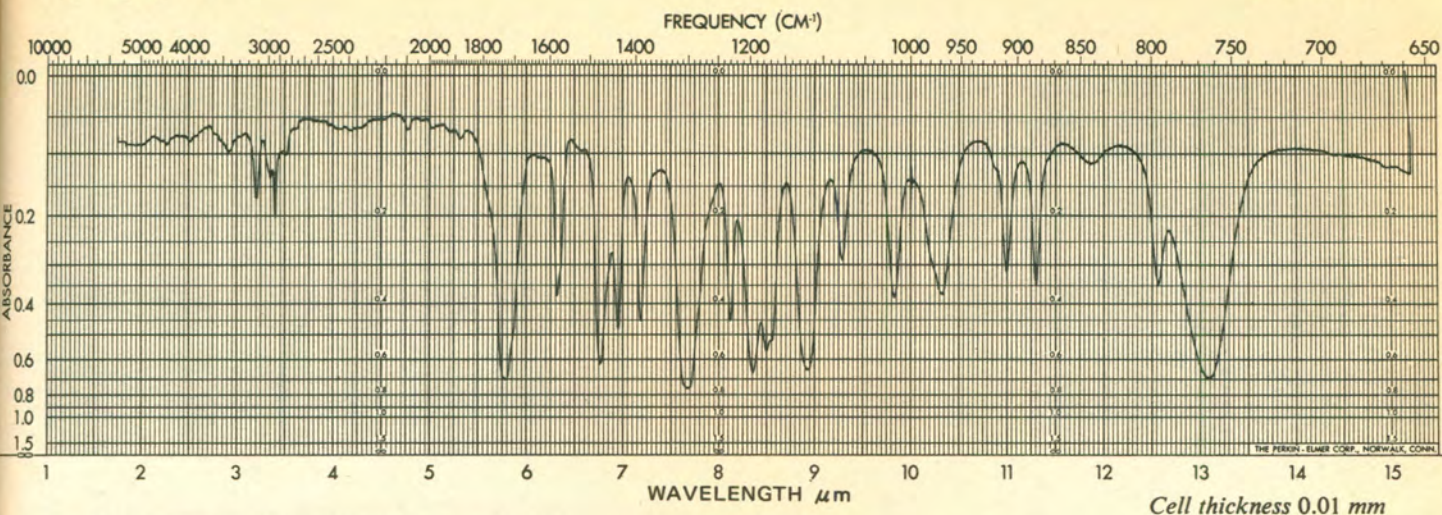


Ultraviolet Data

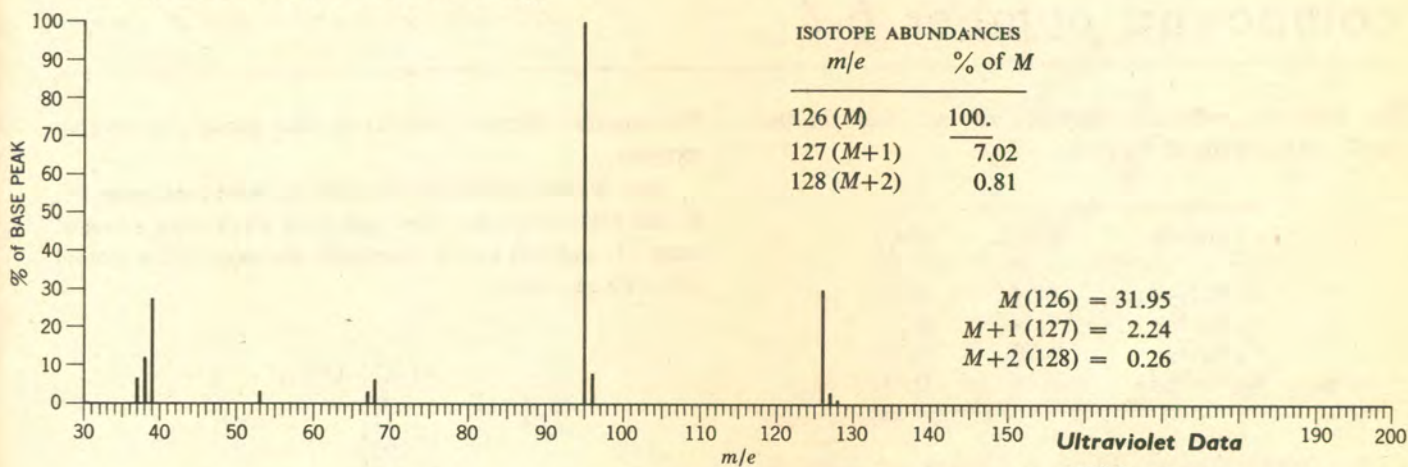
$\lambda_{\text{max}}^{\text{EtOH}}$	$\log \epsilon_{\text{max}}$
248	2.55

NMR Spectrum (Solvent CDCl_3)





Mass Spectral Data (Relative Intensities)

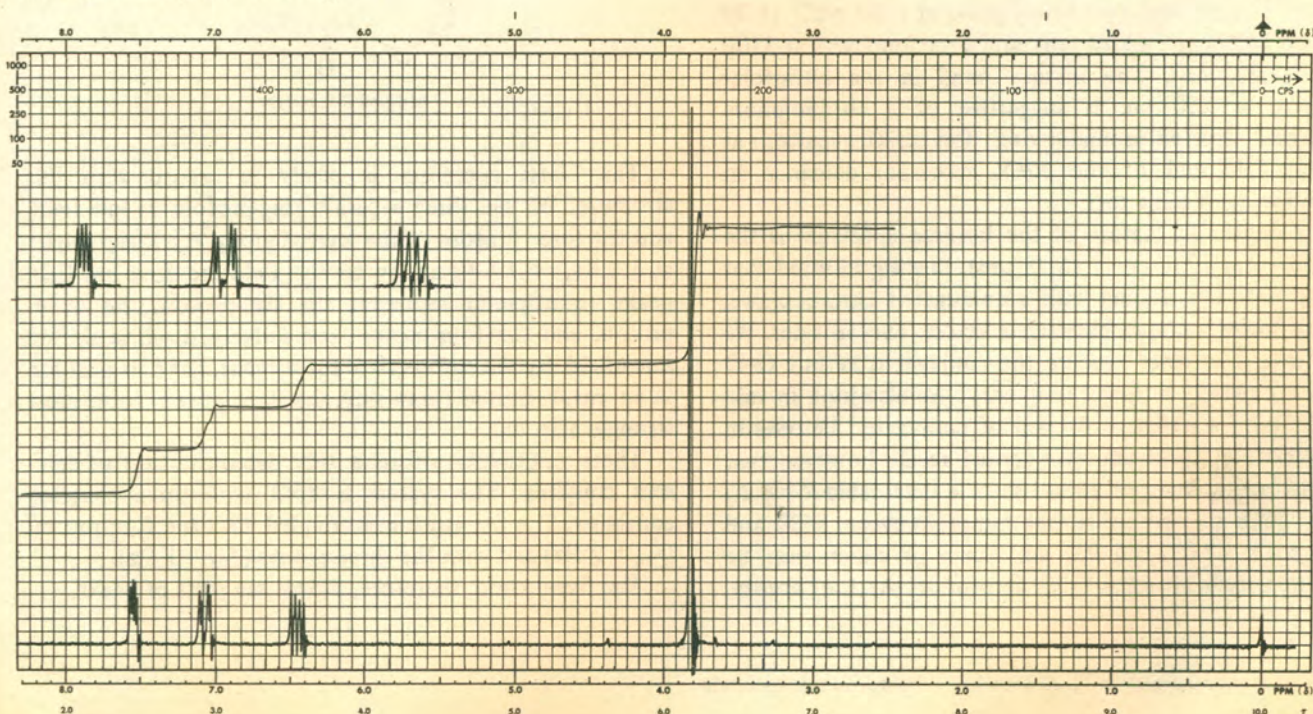


Ultraviolet Data

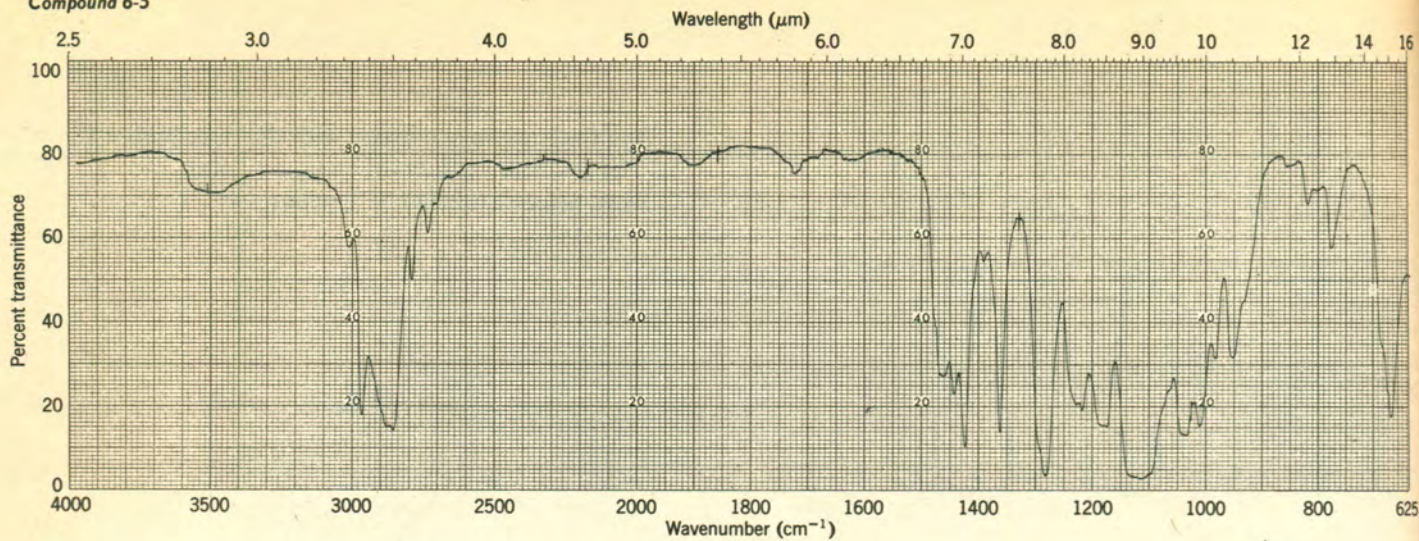
$\lambda_{\max}^{\text{EtOH}}$	$\log \epsilon_{\max}$
220.0 (s)	3.47
250.5	4.13

(s) = shoulder

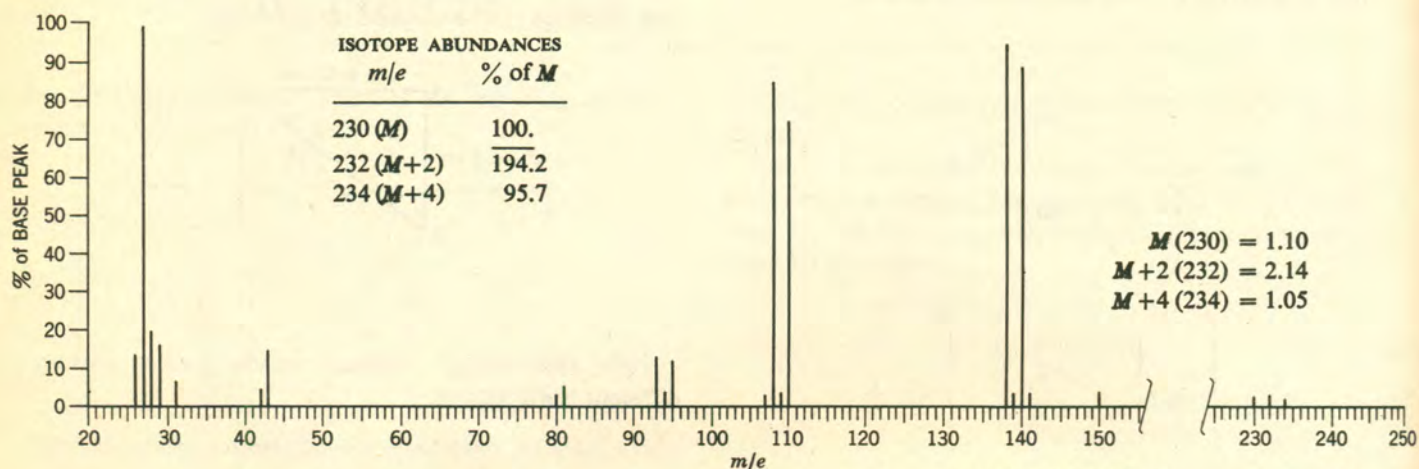
NMR Spectrum (Solvent CCl_4)



Compound 6-5



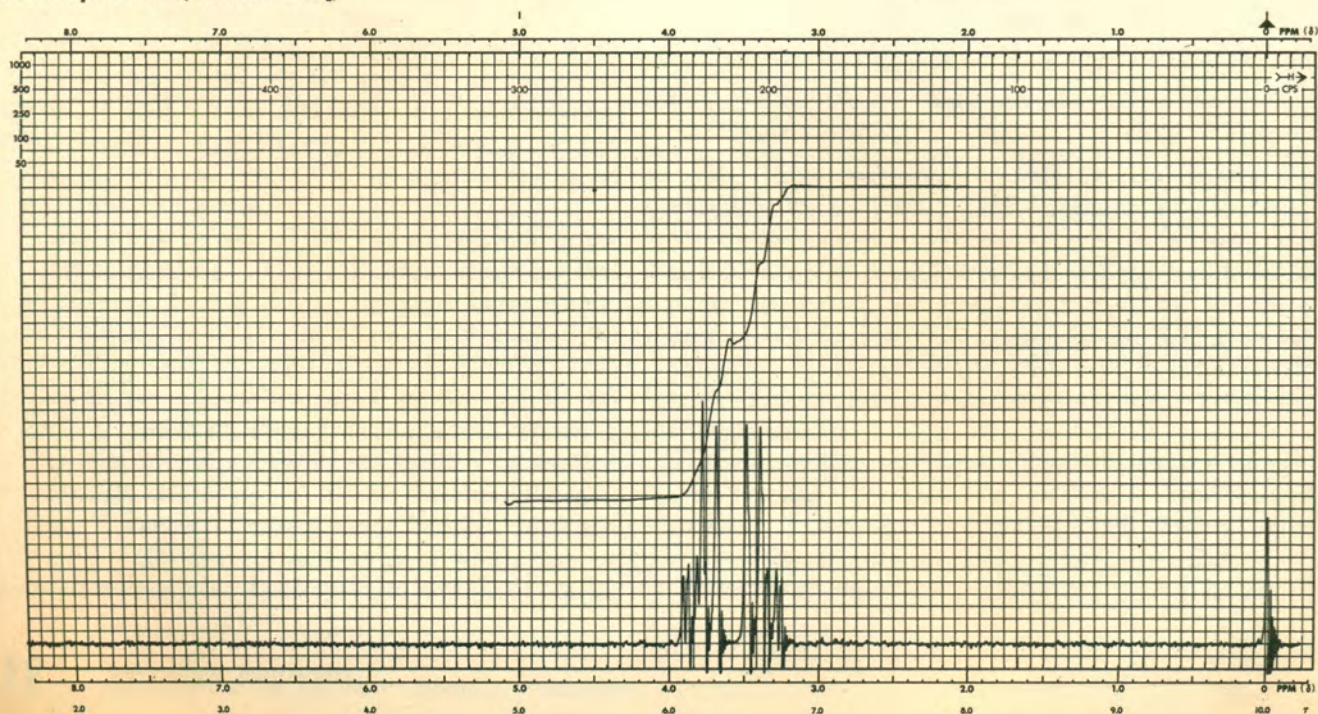
Mass Spectral Data (Relative Intensities)

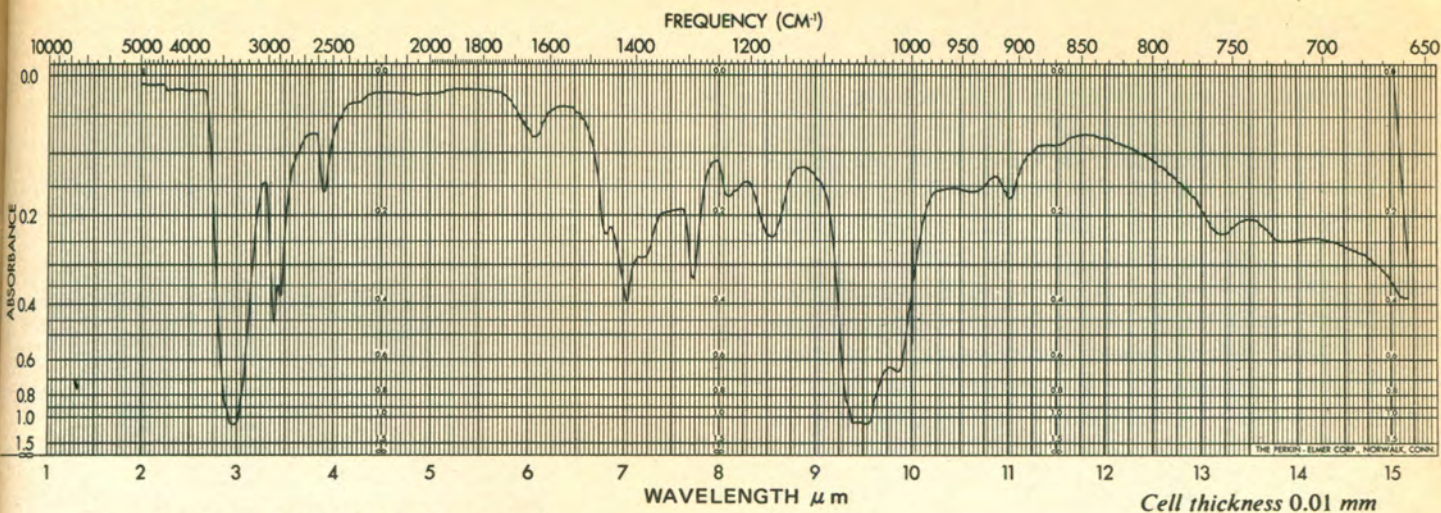


Ultraviolet Data

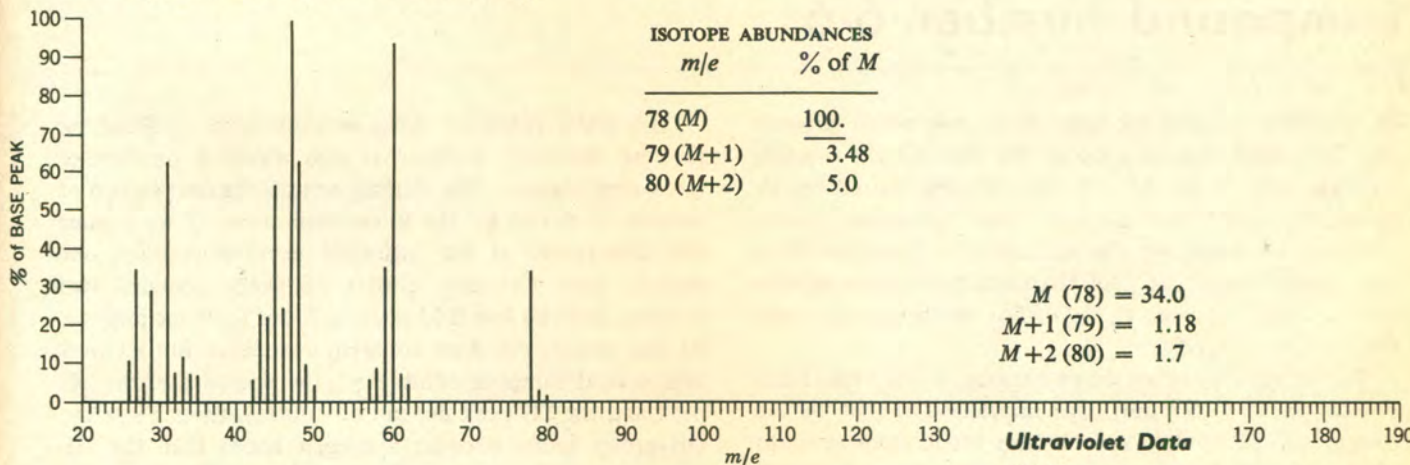
$\lambda_{\text{max}}^{\text{EtOH}}$	ϵ_{max}
305 (inflection)	1.5

NMR Spectrum (Solvent CCl_4)





Mass Spectral Data (Relative Intensities)

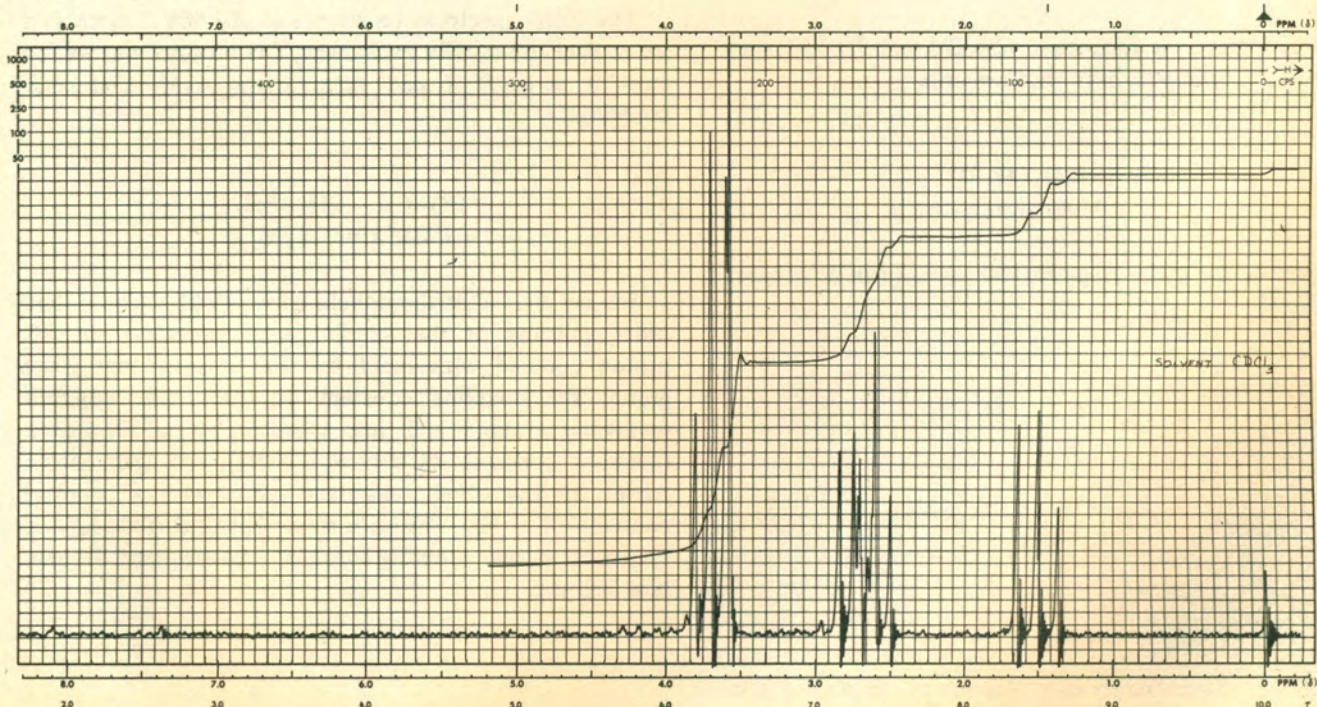


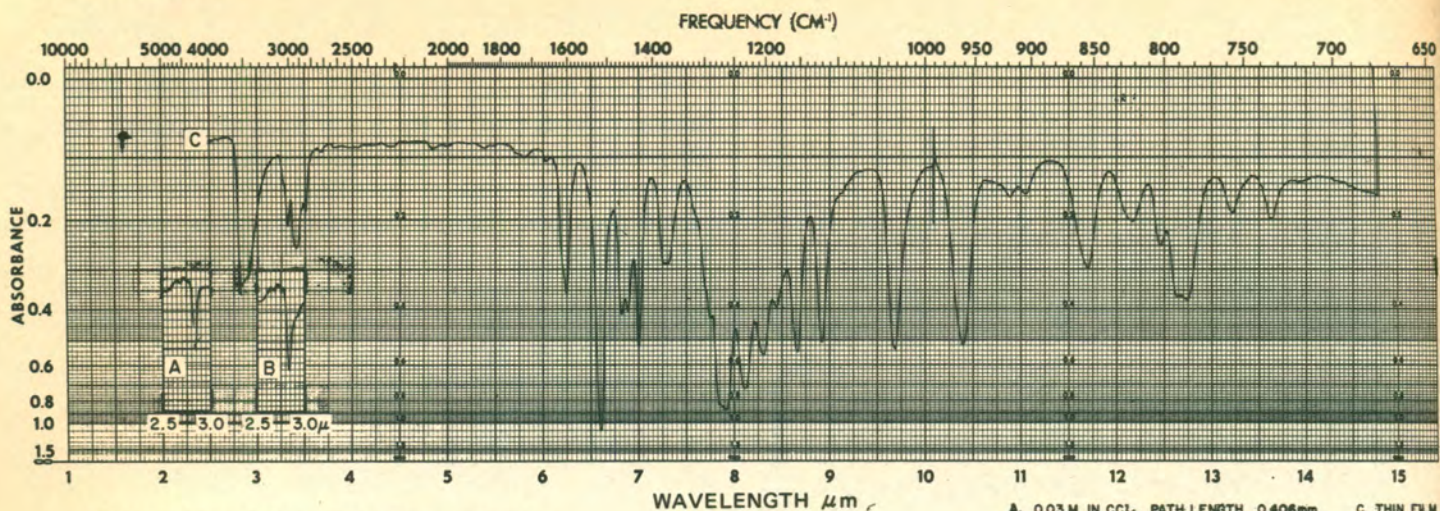
Ultraviolet Data

λ_{infl}^{EtOH}	ϵ_{infl}
232	136

infl = inflection

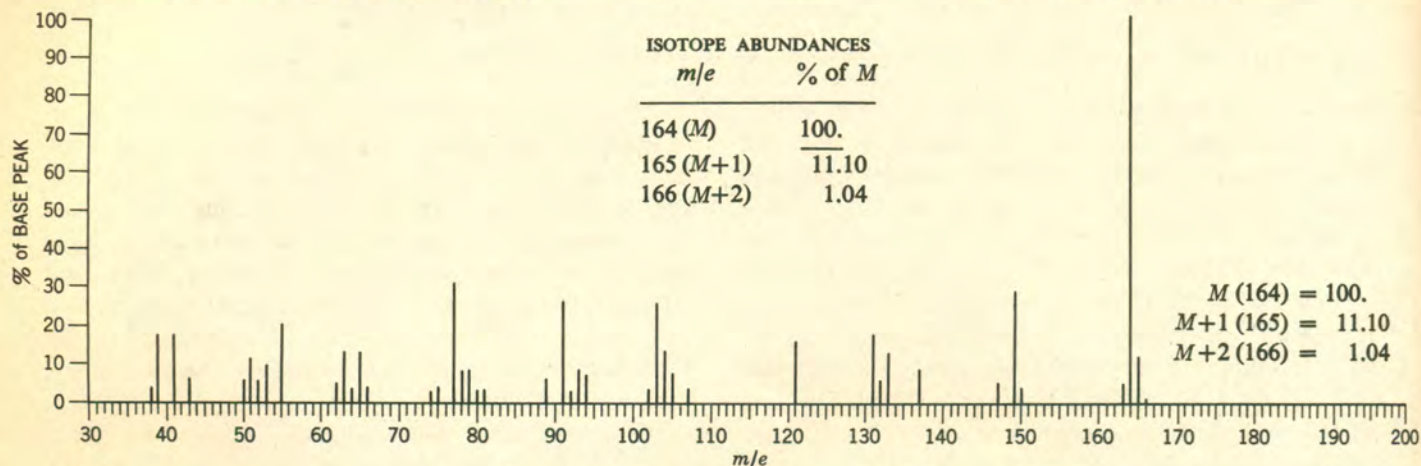
NMR Spectrum (Solvent CDCl₃)





A. 0.03 M IN CCl₄. PATH LENGTH 0.406mm C. THIN FILM
 B. 1.0 M IN CCl₄. PATH LENGTH 0.01 cm

Mass Spectral Data (Relative Intensities)

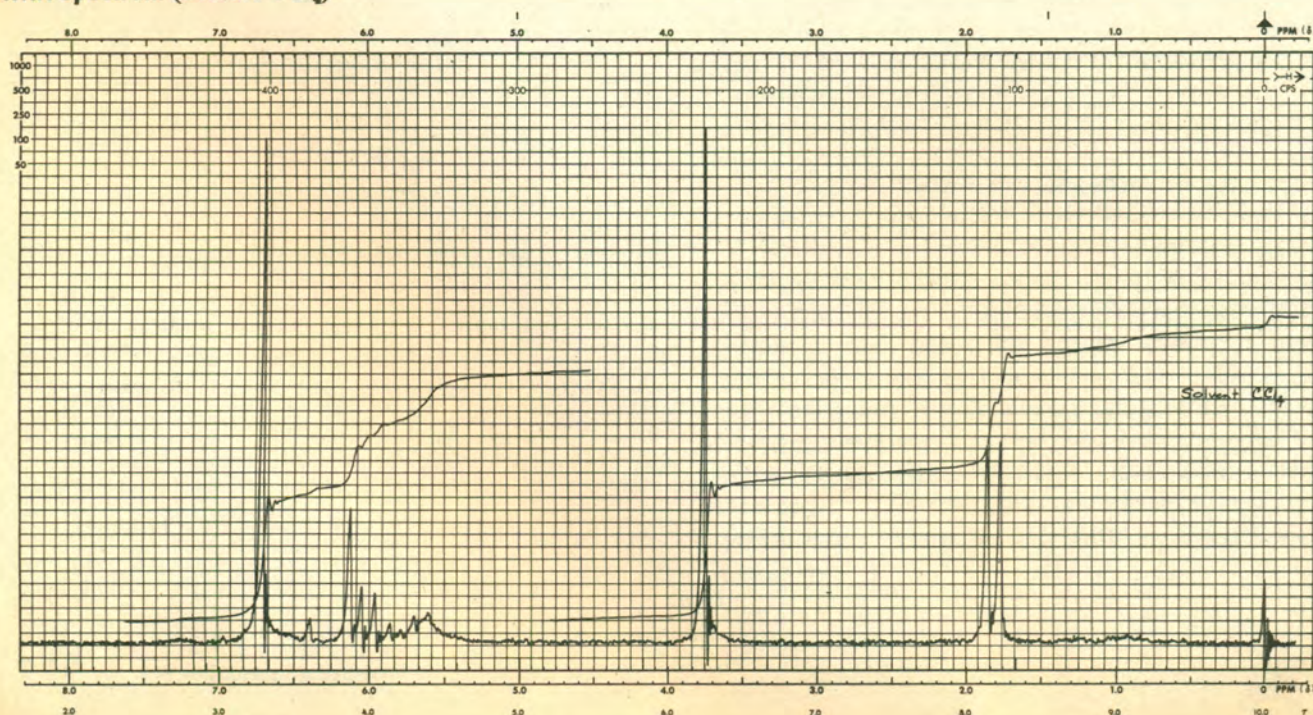


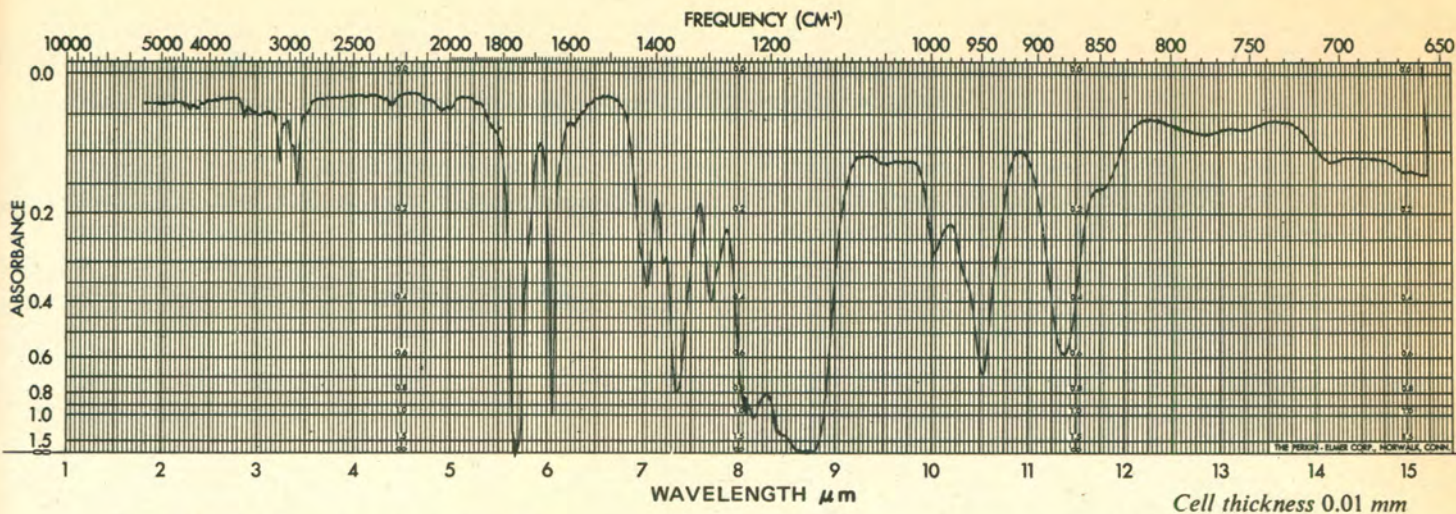
Ultraviolet Data

λ_{max}^{EtOH}	$\log \epsilon_{max}$	pH	λ_{max}	$\log \epsilon_{max}$
		13	288	4.0
		13	315 (s)	3.8
pH 7	263	4.2		
	300 (s)	3.6		

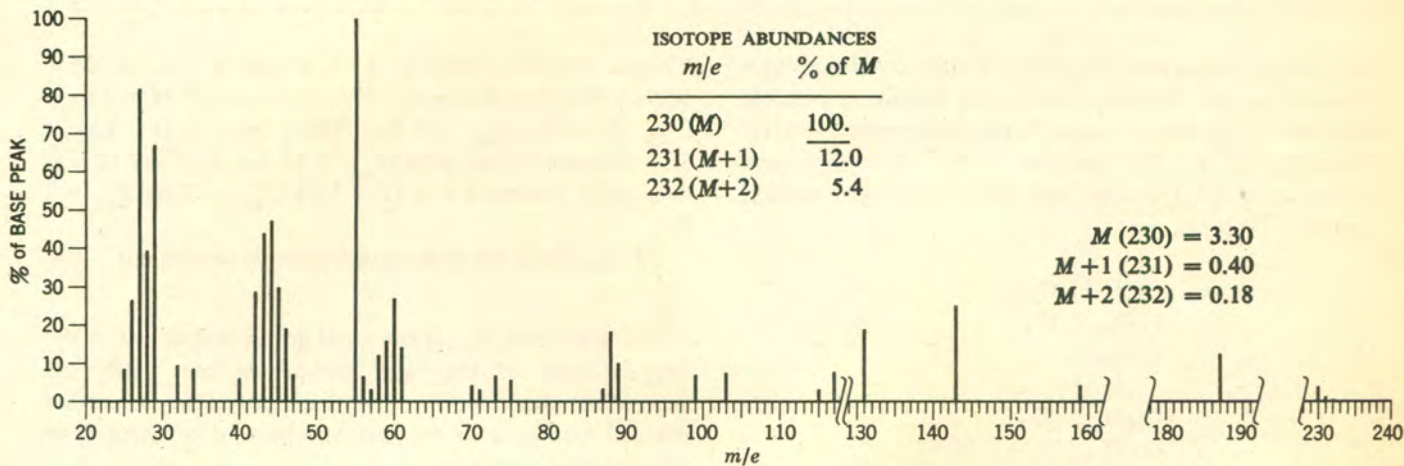
s = shoulder

NMR Spectrum (Solvent CCl₄)





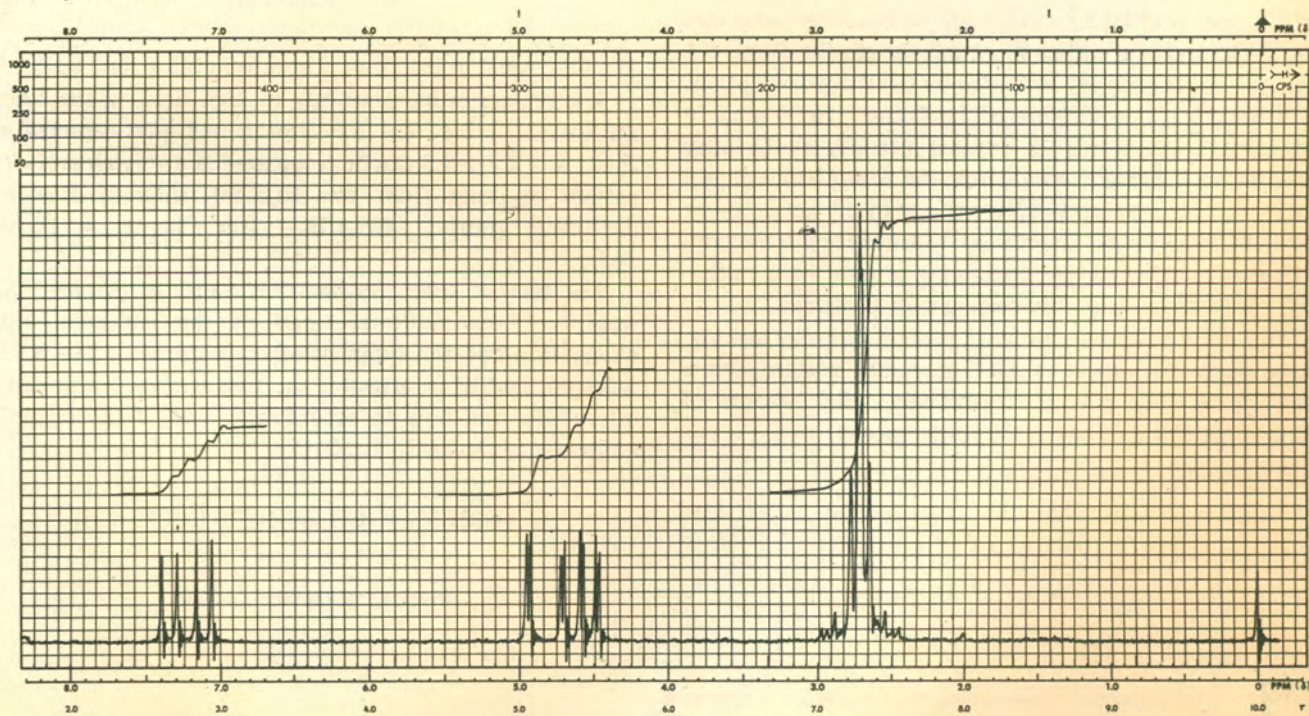
Mass Spectral Data (Relative Intensities)

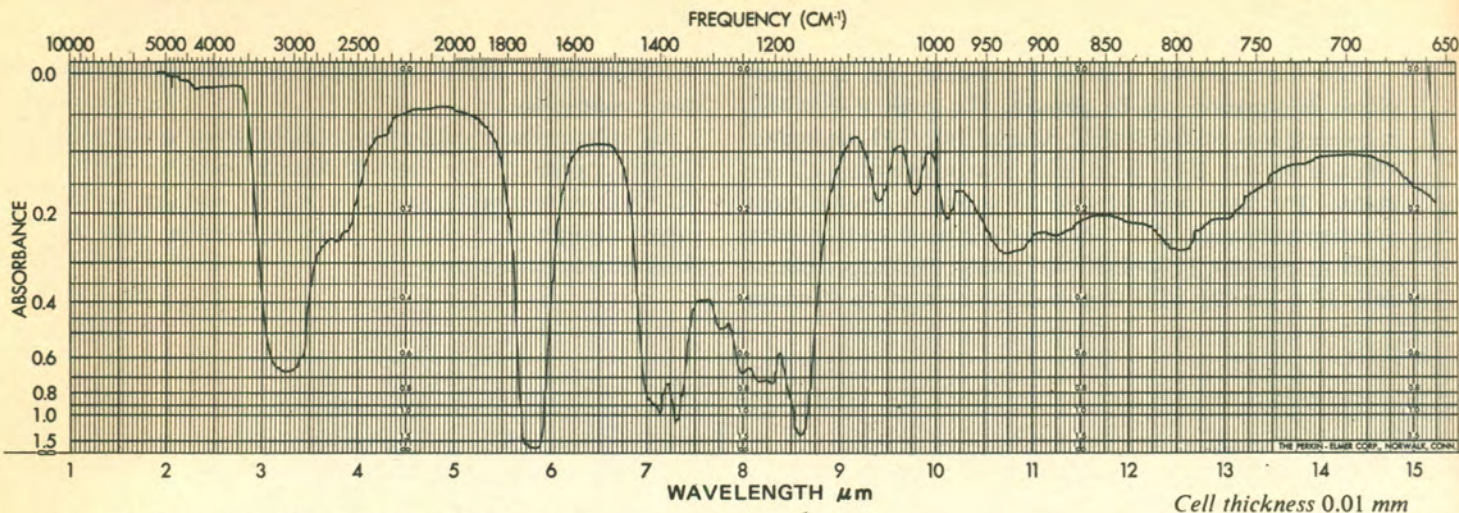


Ultraviolet Data

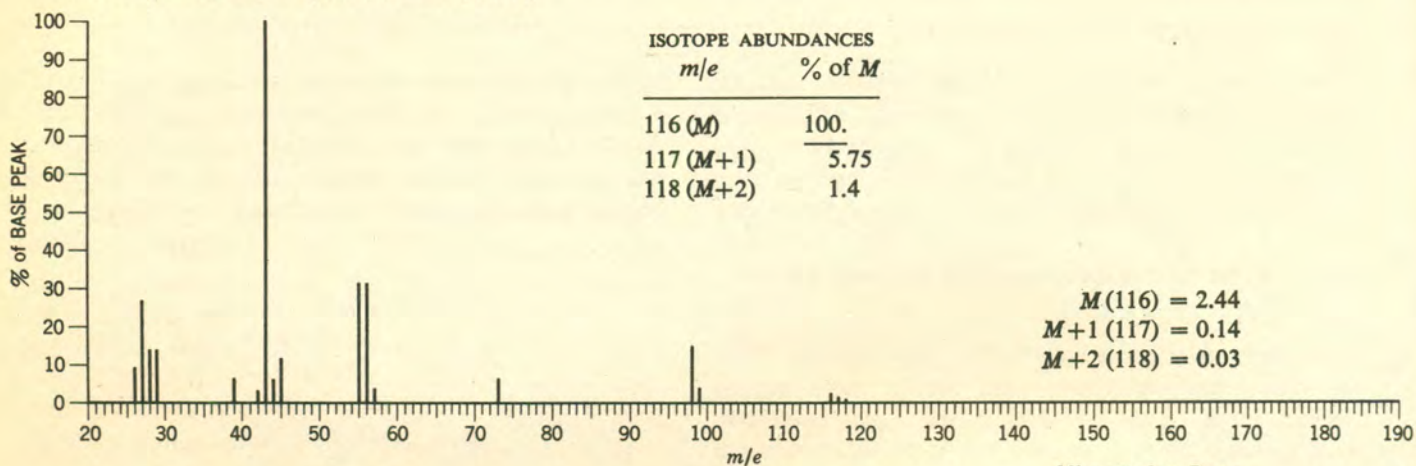
Featureless above 210 nm

NMR Spectrum (Solvent CCl_4)





Mass Spectral Data (Relative Intensities)

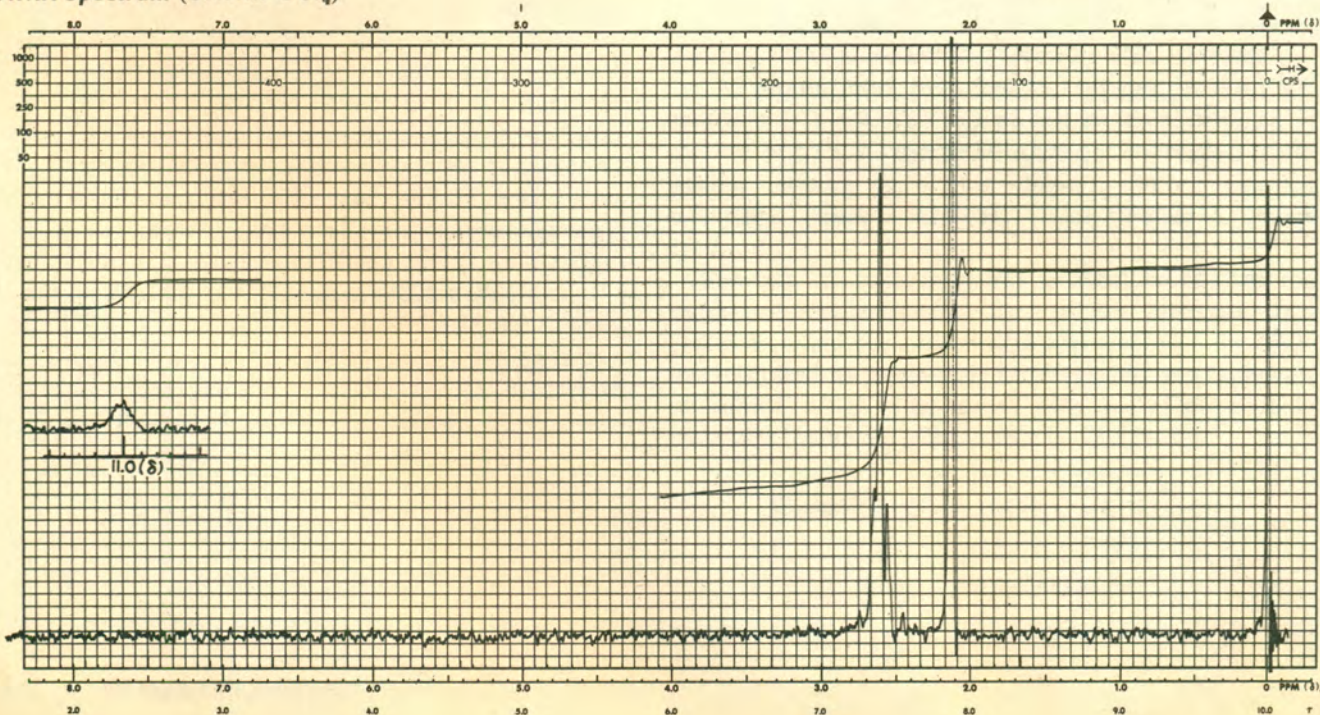


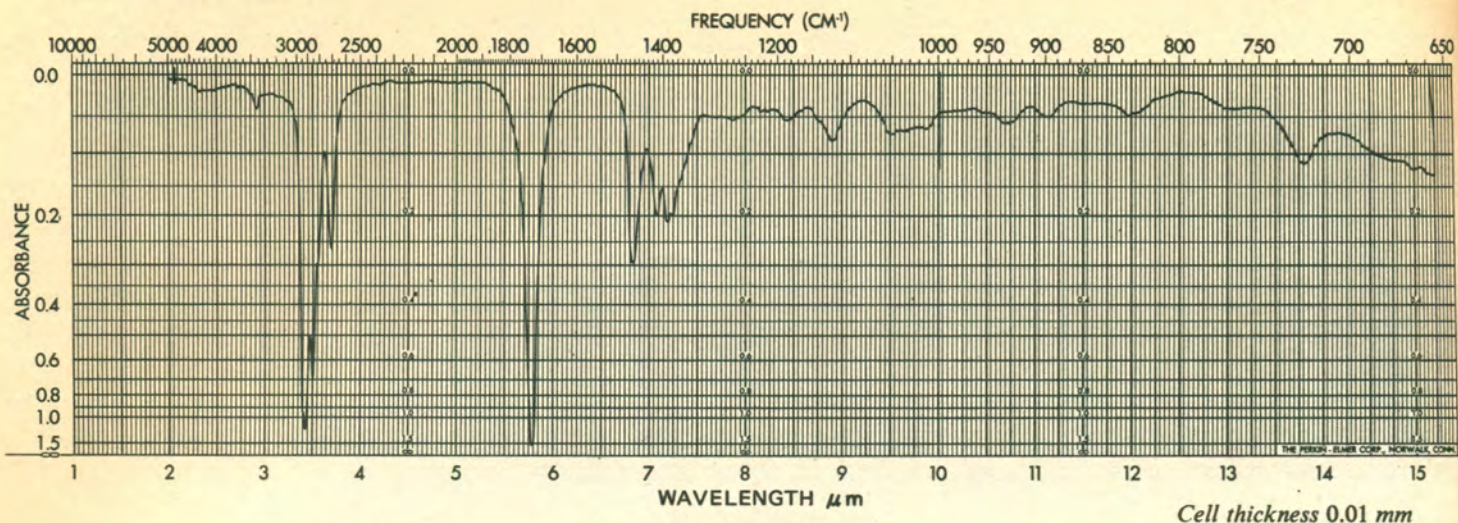
M (116) = 2.44
M+1 (117) = 0.14
M+2 (118) = 0.03

Ultraviolet Data

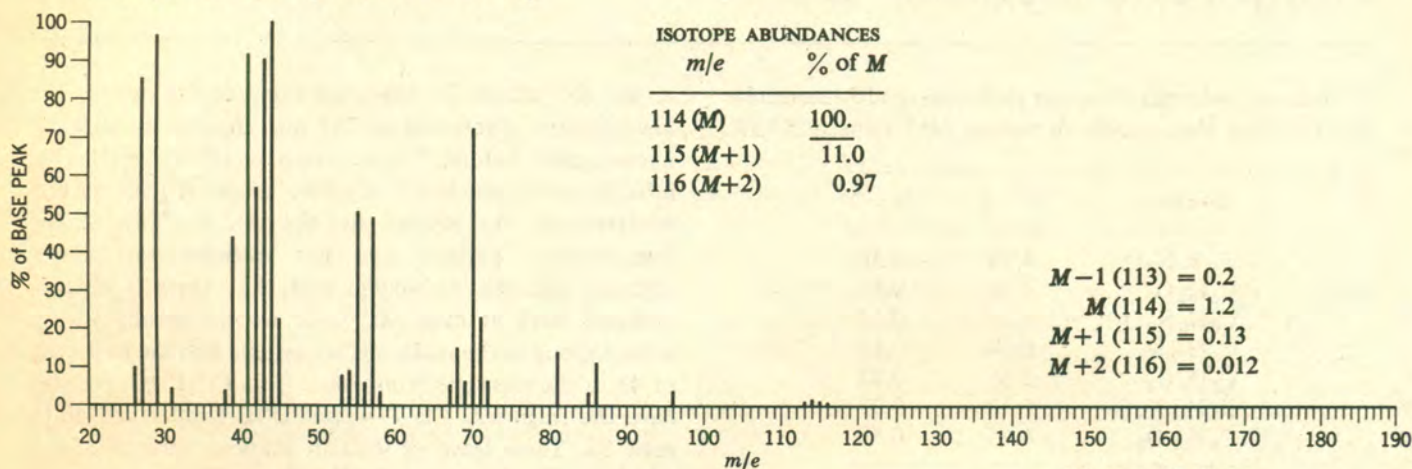
λ_{max}^{EtOH}	$\log \epsilon_{max}$
262	1.5

NMR Spectrum (Solvent CCl₄)





Mass Spectral Data (Relative Intensities)

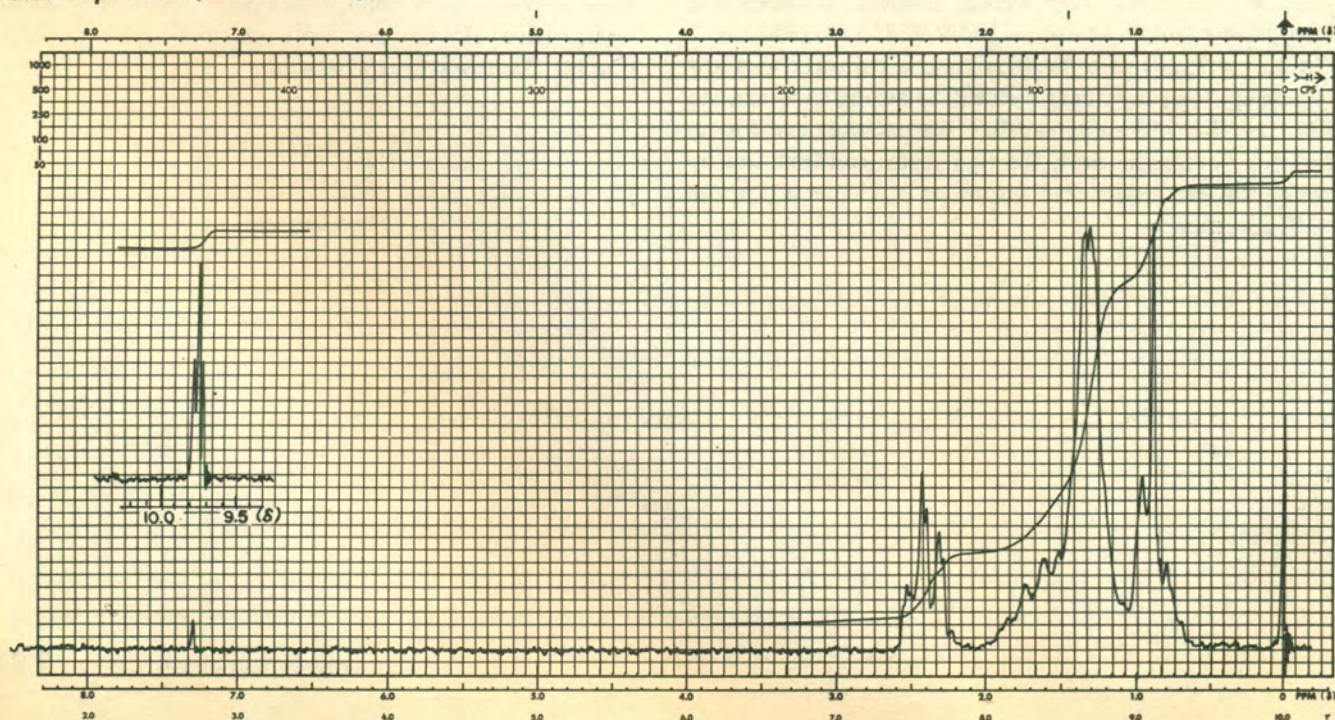


M-1 (113) = 0.2
M (114) = 1.2
M+1 (115) = 0.13
M+2 (116) = 0.012

Ultraviolet Data

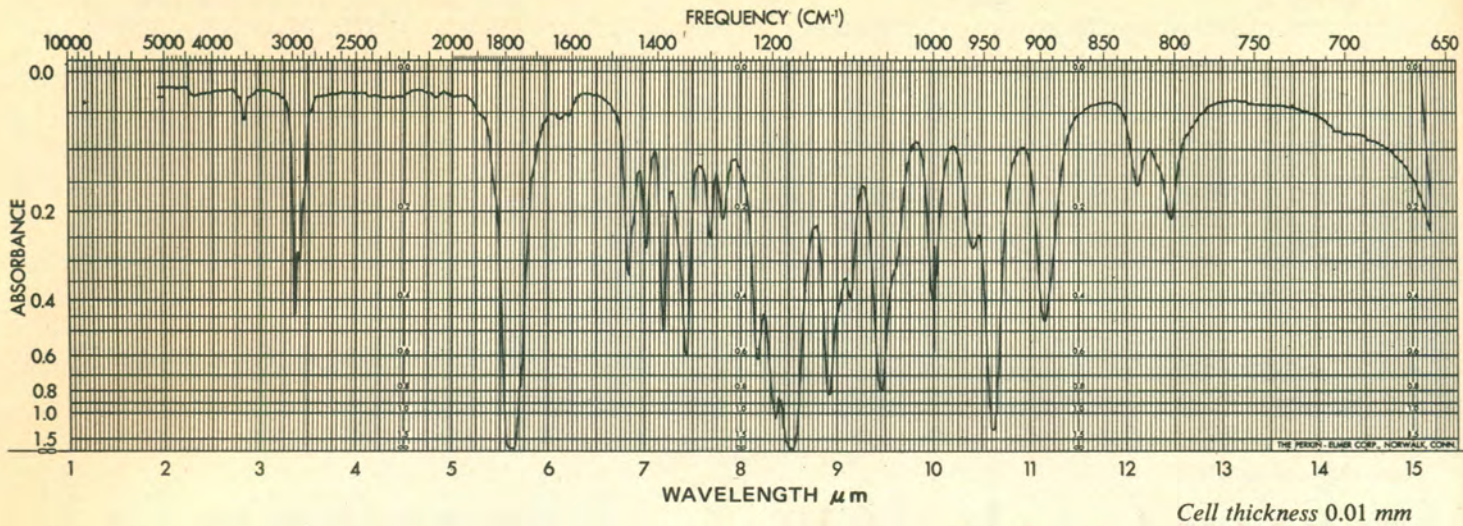
$\lambda_{\text{Cyclohexane}}^{\text{max}}$	ϵ_{max}
292	23.2

NMR Spectrum (Solvent CDCl_3)

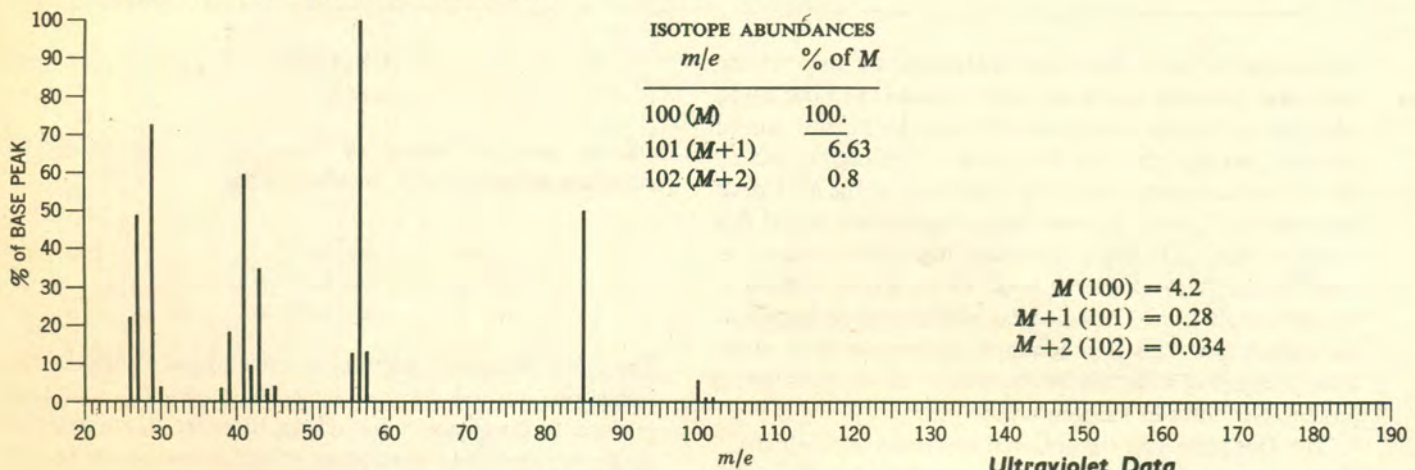


Infrared Spectrum

Compound 6-11



Mass Spectral Data (Relative Intensities)



Ultraviolet Data

Transparent above 200 nm

NMR Spectrum (Solvent CCl_4)

