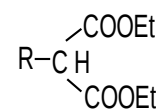
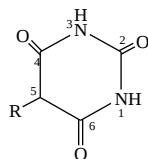


:Table 2.5.a. ultraviolet spectral data of mono substituted diethyl malonate



Cpd. No	R	$\lambda_{\text{max nm}}$
		Et-OH
I	H	215
Ia	-C ₂ H ₅	210
Ib	-C ₆ H ₅ -CH ₂	210
II	-C ₆ H ₅	215
III	-EtOOC) ₂ CH)	215
IVa	-CH ₃ -CO	210
IVb	-C ₆ H ₅ -CO	215

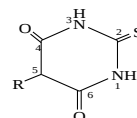
: Table 2.5.b. ultraviolet spectral data of the 5-substituted pyrimidine-2,4,6-trione derivatives



Cpd. No	R	$\lambda_{\max}$ nm				
		Ether	Et-OH	⁺ Et-OH / H	Et-OH / pH=10	Et-OH / pH=13
Va	-C ₂ H ₅	210	245 , 210	210	260 , 210	260 , 210
Vb	-C ₆ H ₅ -CH ₂	210	259 , 213	239 , 219	265 , 209	268 , 212
Vc	-C ₆ H ₅	210	266 , 204	257 , 202	268 , 202	301 , 237
Vd	-CH ₃ CO	215	245 , 210	210	260 , 210	*D
Ve	-C ₆ H ₅ CO	215	240 ., 209	239 ., 209	262 ., 220	*D
Vf	H	210	240 , 215	255 , 235	255 , 220	260 , 230
S.T.D	-C ₆ H ₅ - and C ₂ H ₅	210	206	216	240 , 210	245 , 210

D*: decompose before analysis

-:Table 2.5.c. ultraviolet spectral data of the 5-substituted pyrimidine-2-thio- 4,6- dione



Cpd. No	R	$\lambda_{\max}$ nm				
		Ether	Et-OH	⁺ Et-OH / H	Et-OH / pH=10	Et-OH / pH=13
VIa	-C ₂ H ₅	355 ,305 ,280 ,215	355 ,305 ,280 ,215	355 ,305 ,280 ,215	345 , 255	345 , 255
VI b	-C ₆ H ₅ -CH ₂	290 ,240	271 , 204	237	287 , 202	290 , 242
VIc	-C ₆ H ₅	303 ,246	303 , 246	295	295 , 210	310 ,250 , 215
VI d	-EtOOC) ₂ CH)	240 ,215	240 , 215	300	325 ,250 , 230	*D
VI e	-C ₃ H ₂ N ₂ S-CH	290 ,240 ,210	240,290 ., 210	240 ,210	300 ,245 , 210	*D
VI f	-CH ₃ -CO	240 ,215	240 , 215	245 ., 210	285 ,240 , 215	*D
VI g	-C ₆ H ₅ -CO	292 ,210	292 ,210	270 , 215	305 ,245 , 220	*D
VI h	H	289 ,211	288 ,211	284 ,209	281 ,240 ,210	303 ,245 ,210