

Terms & Conditions

Electronic Supporting Information files are available without a subscription to ACS Web Editions. The American Chemical Society holds a copyright ownership interest in any copyrightable Supporting Information. Files available from the ACS website may be downloaded for personal use only. Users are not otherwise permitted to reproduce, republish, redistribute, or sell any Supporting Information from the ACS website, either in whole or in part, in either machine-readable form or any other form without permission from the American Chemical Society. For permission to reproduce, republish and redistribute this material, requesters must process their own requests via the RightsLink permission system. Information about how to use the RightsLink permission system can be found at <http://pubs.acs.org/page/copyright/permissions.html>



ACS Publications

MOST TRUSTED. MOST CITED. MOST READ.

Copyright © 1998 American Chemical Society

Supplementary Material

Table 2 Observed band positions (cm^{-1}) in the FT-IR and FT-Raman spectra of 2-thiothymine ^{a,b}

IR	Raman	IR	Raman	IR	Raman
3218 (sh)	--	1401 (w)	1403 (w)	661 (w)	--
3140 (vs)	3139 (w)	1384 (m)	1386 (m)	612 (w)	610 (m)
--	3098 (sh)	--	1353 (vs)	583 (m)	582 (s)
3061 (w)	3056 (m)	--	1317 (w)	575 (m)	--
2984 (w)	2989 (m)	--	1247 (m)	527 (m)	526 (m)
2953 (m)	2952 (m)	1223 (vs)	1236 (m)	490 (w)	508 (w)
2940 (w)	2917 (s)	1215 (m)	1210 (s)	--	483 (w)
2901 (sh)	2881 (w)	1171 (sh)	--	470 (w)	462 (w)
2858 (w)	2850 (w)	1159 (s)	1156 (s)	419 (w)	422 (sh)
2811 (w)	--	1130 (s)	1128 (m)	408 (m)	410 (vs)
--	2748 (w)	1100 (w)	--	320 (m)	314 (m)
1710 (w)	--	1041 (w)	1041 (w)	310 (m)	304 (w)
1663 (sh)	1672 (w)	1022 (w)	1012 (w)	283 (w)	275 (w)
1644 (vs)	1641 (vs)	962 (w)	954 (m)	267 (w)	254 (w)
1620 (sh)	1617 (sh)	930 (w)	931 (w)	195 (m)	194 (m)
--	1558 (m)	835 (s)	842 (w)	143 (w)	146 (vs)
1552 (vs)	1550 (w)	--	804 (w)	105 (w)	107 (vs)
1492 (w)	--	774 (w)	--	85 (w)	78 (vs)
1460 (m)	1455 (s)	746 (m)	753 (s)	63 (w)	67 (vs)
1442 (w)	1440 (m)	--	740 (sh)	52 (w)	53 (w)
1428 (w)	--	693 (m)	692 (vs)		
1415 (w)	1411 (w)	--	659 (w)		

a Intensity abbreviations: vs-very strong; s-strong; m-medium; w-weak; sh-shoulder

b Bands that were not observed are marked with dashed lines.