

Table 28. Variation of the atomic volumes ( $\text{\AA}^3$ ) for conformers of **II**

Atom	Conformer						Mean value
	1R, 1S	2R, 2S	3R, 3S	4R, 4S	5R, 5S	6R, 6S	
S	37.407	37.300	37.322	37.404	37.433	37.489	37.393
O	19.276	19.124	19.145	19.077	19.078	19.121	19.137
N1	13.790	13.801	13.740	13.692	13.731	13.749	13.751
N3	13.454	13.440	13.628	13.412	13.604	13.480	13.503
C2	8.477	8.510	8.563	8.305	8.474	8.347	8.446
C4	6.430	6.454	6.515	6.538	6.515	6.468	6.487
C4'	8.341	8.364	8.370	8.286	8.374	8.349	8.347
C4''	10.142	10.156	9.969	10.069	10.043	10.093	10.079
C5	10.703	10.710	10.487	10.552	10.619	10.597	10.611
C5'	7.503	7.427	7.318	7.405	7.458	7.536	7.441
C5''	7.503	7.427	7.318	7.405	7.458	7.536	7.441
C6	9.157	8.911	8.914	8.818	9.137	9.048	8.998
C6'	10.016	9.975	9.977	9.938	9.979	10.020	9.984
H1	4.377	4.339	4.348	4.330	4.391	4.366	4.358
H3	4.492	4.509	4.512	4.520	4.465	4.500	4.500
H4	6.405	6.637	6.567	6.608	6.198	6.393	6.468
H41	7.031	7.334	7.266	7.575	7.364	7.582	7.359
H42	7.510	7.368	7.507	7.249	7.521	6.876	7.339
H43	7.648	7.705	7.561	7.254	7.292	7.362	7.470
H44	7.576	7.550	7.303	7.582	7.440	7.599	7.508
H45	7.475	7.398	7.545	7.364	7.627	7.489	7.483
H51''	7.016	7.036	7.055	7.036	7.116	7.221	7.080
H52''	7.148	7.214	7.059	7.117	7.231	7.000	7.128
H53''	7.228	7.369	7.365	7.361	6.998	7.114	7.239
H61	7.251	6.676	6.496	6.600	7.252	7.235	6.918
H62	7.174	7.337	7.342	7.328	7.178	7.161	7.253
H63	6.465	6.687	6.873	6.746	6.443	6.432	6.608
$\Sigma$	256.994	256.758	256.066	255.571	256.420	256.163	256.329