

**TABLE 2**  
**Size of Amino Acid Molecule Estimated Based on**  
**Bond Length and Bond Angle (5)**

	Length (Å)	Width (Å)
<b>Alanine</b>	5.5	3.3
<b>Arginine</b>	11.0	4.7
<b>Arparagine</b>	7.5	3.5
<b>Aspartic acid</b>	6.5	3.5
<b>Cysteine</b>	6.4	3.7
<b>Glycine</b>	3.9	3.5
<b>Glutamic acid</b>	8.0	3.5
<b>Glutamine</b>	9.0	3.5
<b>Histidine</b>	8.5	6.1
<b>Isoleucine</b>	8.5	5.0
<b>Leucine</b>	8.5	5.0
<b>Lysine</b>	11.3	3.5
<b>Methionine</b>	10.3	3.5
<b>Phenylalanine</b>	9.7	4.7
<b>Proline</b>	6.2	5.1
<b>Serine</b>	6.1	3.5
<b>Threonine</b>	6.1	5.0
<b>Tryptophan</b>	10.9	5.6
<b>Tyrosine</b>	10.4	4.7
<b>Valine</b>	7.0	5.0