AMINO ACIDS AND THEIR VANDERWAAL RADII:

AMINO ACID RADII NET RADII

(2\*RADII + 2.5)

1.ALANINE 2.54 7.58

2.ARGININE 3.33 9.1

3.ASPARGINE 2.88 8.26

4.ASPARTIC ACID 2.83 8.16

5.CYSTEINE 2.78 8.06

6.GLUTAMINE 3.05 8.6

7.GLUTAMIC ACID 3.00 8.5

8.GLYCINE 2.28 7.06

9.HISTIDINE 3.08 8.66

10.ISOLEUCINE 3.14 8.78

11.LEUCINE 3.14 8.78

12.LYSINE 3.23 8.9

13.METHIONINE 3.14 8.78

14.PHENYLALANINE 3.23 8.9

15.PROLYN 2.82 8.14

16.SERINE 2.63 7.76

17.THREONINE 2.85 8.1

18.TRYPTOPHAN 3.44 9.38

19.TYROSINE 3.27 8.9

20.VALINE 2.97 8.45

Source : http://www.proteinsandproteomics.org/content/free/tables\_1/table08.pdf