



A 3D ribbon diagram of a protein structure. The protein backbone is shown in a dark red color, with several loops and turns. A green ribbon trace is overlaid on the protein, following a similar path. In the center of the protein, a ligand molecule is bound. The ligand consists of a central red ring system, likely a porphyrin or heme derivative, with various side chains. One side chain is a long, thin, green rod-like structure. Another side chain is a blue ring system. A third side chain is a green ring system. The ligand is surrounded by the protein's loops and turns. The labels D503, W467, G492, and F494 are placed near specific residues or parts of the ligand.

D503

W467

G492

F494