

Orientation of Proteins in Membranes

Depth/Hydrophobic Thickness	$\Delta G_{\text{transfer}}$	Tilt Angle
$24.4 \pm 2.0 \text{ \AA}$	-36.3 kcal/mol	$9. \pm 5.^\circ$

Membrane Embedded Residues (in Hydrocarbon Core)

Subunits	Tilt	Segments
		Embedded_residues:
A	13	7-19,24-34,36,40-50,57-68,72-81,86-94,100-108,114-125
		Transmembrane_secondary_structure_segments:
A	8	1(10- 17), 2(24- 34), 3(42- 49), 4(57- 66), 5(72- 79), 6(86- 94), 7(102- 107), 8(114- 124)

Output Messages

heteroatoms excluded

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Image of the protein in membrane

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