

Orientation of Proteins in Membranes

Depth/Hydrophobic Thickness	$\Delta G_{\text{transfer}}$	Tilt Angle
$25.2 \pm 1.5 \text{ \AA}$	-43.7 kcal/mol	$9. \pm 1.^\circ$

Membrane Embedded Residues (in Hydrocarbon Core)

Subunits	Tilt	Segments
		Embedded_residues:
A	15	9-18,24-34,36,39-50,57-68,71-81,86-96,100-108,115-124
		Transmembrane_secondary_structure_segments:
A	8	1(10- 17), 2(24- 34), 3(42- 49), 4(57- 66), 5(74- 79), 6(86- 95), 7(102- 107), 8(115- 124)

Output Messages

heteroatoms excluded

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Image of the protein in membrane

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