

Thymidylate synthase*Native -10.25 kcal/mol*

PO ₄ ³⁻	PO ₄ ³⁻	PO ₄ ³⁻	N3, C=O bidentate catalytic	3'OH	3'OH
R21	R166	S167	N177	H207	Y209

Des 1 -10.30	R	R	T	N	H	Y
Des 5 -10.25	R	R	S	N	H	Y