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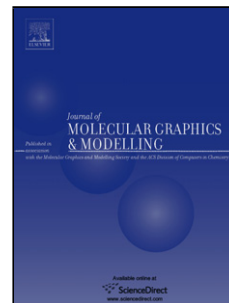
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Theoretical Study on the Proton Shuttle Mechanism of Saccharopine Dehydrogenase

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Abbreviations: DAP, diaminopimelate; AAA, α -aminoadipate; SDH, saccharopine dehydrogenase; α -Kg, α -ketoglutarate; NAD, nicotinamide adenine dinucleotide [the + charge is omitted for convenience]; NADH, reduced nicotinamide adenine dinucleotide; AMP, adenosine monophosphate; OxGly, oxalylglycine.

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