

Notes

Improving the Enzyme Catalytic Efficiency Using Ionic Liquids with Kosmotropic Anions

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摘要 The kosmotropicity of cations and anions in ionic liquids has a strong influence on the enzyme catalytic efficiency in aqueous environments. The kosmotropic anion CF_3COO^- seemed to activate the protease, and the chaotropic anions tended to destabilize the enzyme.

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Abstract The kosmotropicity of cations and anions in ionic liquids has a strong influence on the enzyme catalytic efficiency in aqueous environments. The kosmotropic anion CF_3COO^- seemed to activate the protease, and the chaotropic anions tended to destabilize the enzyme.

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