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Molecular and biochemical characterization of *Taenia solium* α-enolase

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Highlights

- His-Tseno has enolase catalyzing activities for the conversion of 2-PGA to PEP.
- His-Tseno can bind to plasminogen and promote the conversion of plasminogen to active plasmin.
- The enzymatic activities of His-Tseno can be inhibited by lysine analogue ε-ACA.
- The native Tseno is distributed in the tegument and eggs of gravid proglottis from adult *Taenia solium*.