Figure 1. The bicyclo[3.1.0]hexane derivatives were designed based on the proposed conformation of the enzyme-catalyzed transition state.

Enzyme + \( \text{ACHN} \) → 2\( C_5 \) → Michaelis complex \( B_{2.5} \) → Proposed TS distorted boat conformation → Designed compounds

- \( R = \text{alkyl chains} \)
- \( R' = \text{NH}_2 \) NHR, OH