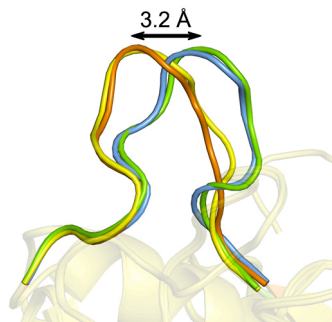


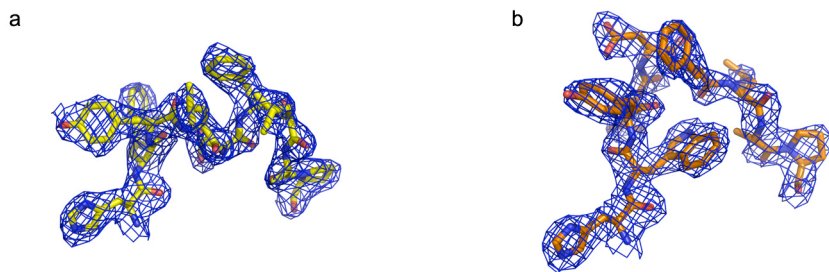
Supporting Information for:

**Binding of 3,4,5,6-tetrahydroxyazepanes to the acid- β -glucosidase active site:
implications for pharmacological chaperone design for Gaucher disease**

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Supporting Fig. S1. Comparison of Loop 2 orientation for **1-** (yellow), **2-** (orange), IFG- (green), and glycerol- (light blue) bound GCCase.



Supporting Fig. S2. The final GCase Loop 1 model for **1** (left) and **2** (right) with $2F_o - F_c$ electron density contoured to 1σ .