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Supporting information for article:

Crystal structures of the molecular class A β -lactamase TEM-171 and its complexes with tazobactam

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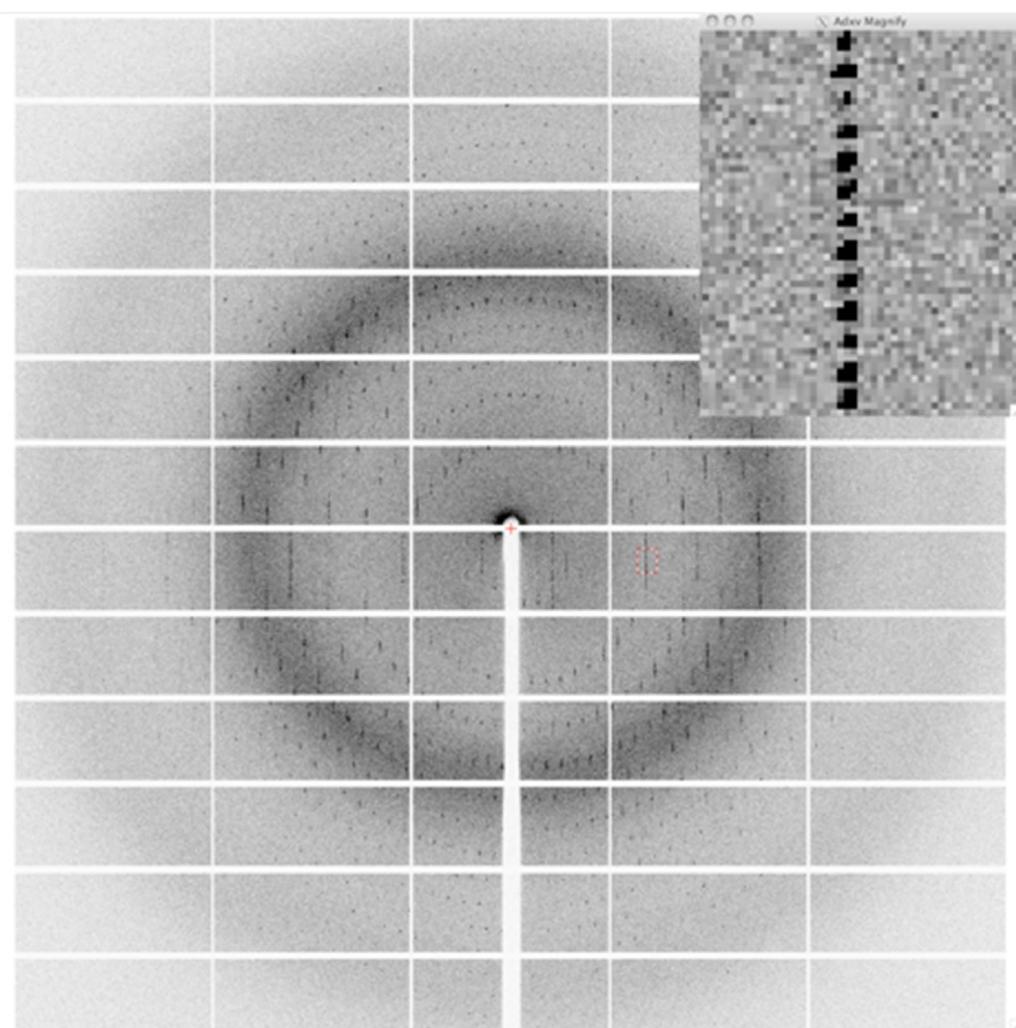


Figure S1 Diffraction image of beta-lactamase from beamline P14. The zoom-area illustrates that in spite of the 500 Å unit cell axis, the diffraction spots are separated by a few pixels.

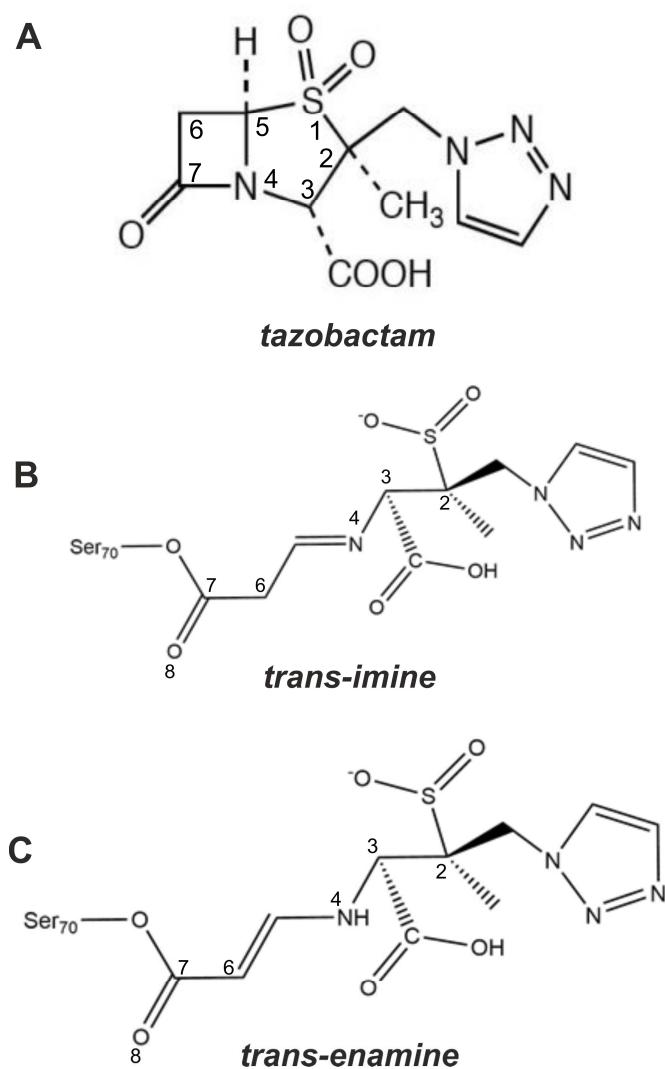


Figure S2 Tazobactam and its intermediates binding to catalytic Ser70 (Frase *et al.*, 2011).

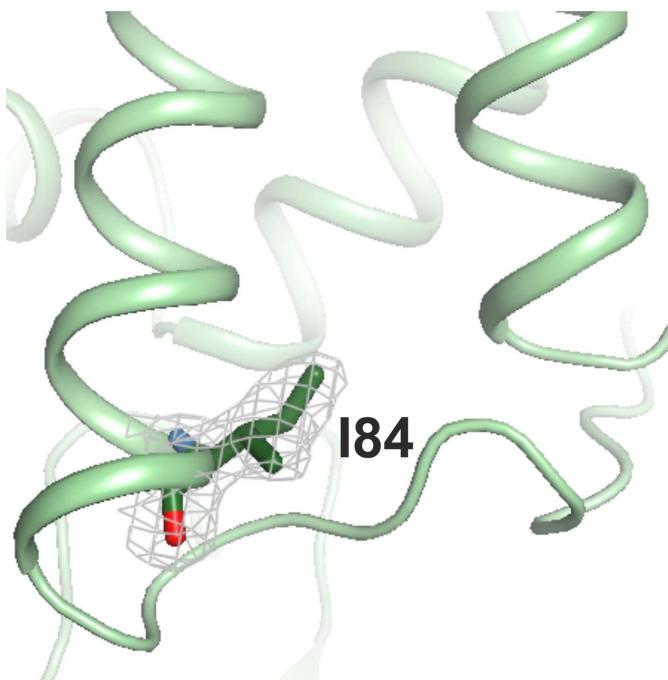


Figure S3 The 2Fobs-Fcalc electron density map for Ile84 in TEM-171. The map is contoured at 1.5σ .

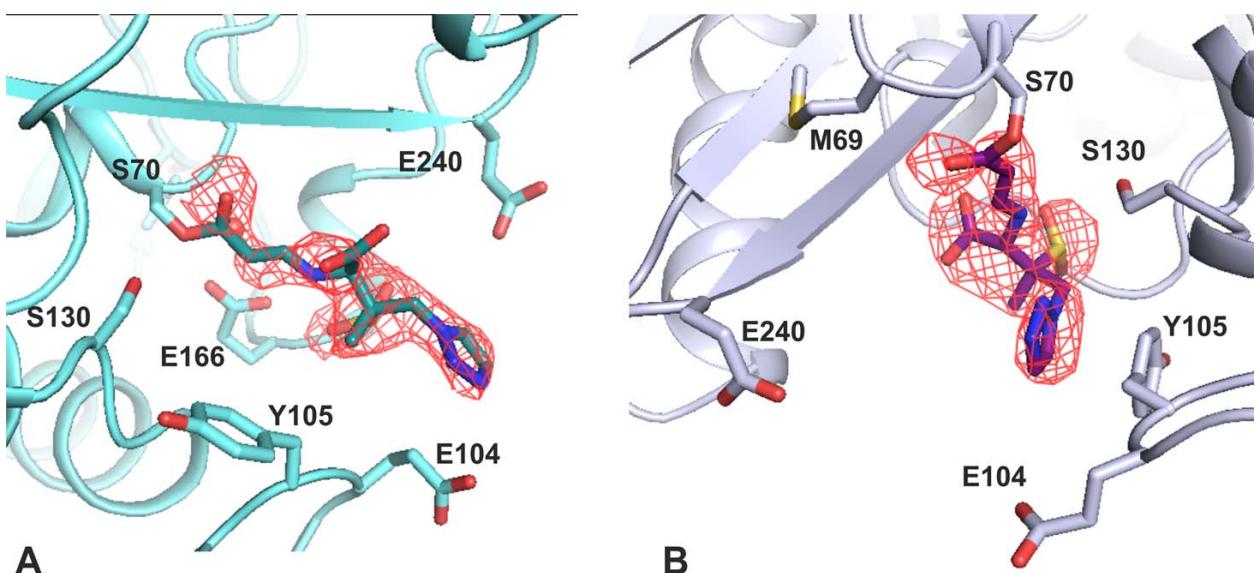


Figure S4 OMIT map for tazobactam in the tazobactam-binding site of TEM-171. The mFobs – DFcalc OMIT difference density map (red mesh) (A) for the complex I and (B) for the complex II. The maps are contoured at 3σ .

Reference

Frase, H., Smith, C. A., Toth, M., Champion, M. M., Mobashery, S. Vakulenko, S. B. (2011). *J. Biol. Chem.* **286**, 14396-14409.