Figure S1: (A) Mass spectrometric analysis of the Ldt\textsubscript{M2} segment (residues 34-408) with and without imipinem (300.6 Da). The mass difference in the major peaks corresponds very closely to the mass of imipinem (299.3 Da). (B) Molecular mass of the BC-module (residues 149-408), 28481.7 Da. The increase in mass upon binding β-lactam antibiotics, imipinem (299.3 Da) and ampicillin (349.4 Da) could be validated with 28780.1 Da and 28831.7 Da for each covalently formed adduct respectively.
Ldt_{ME2} (149-408) + imipinem