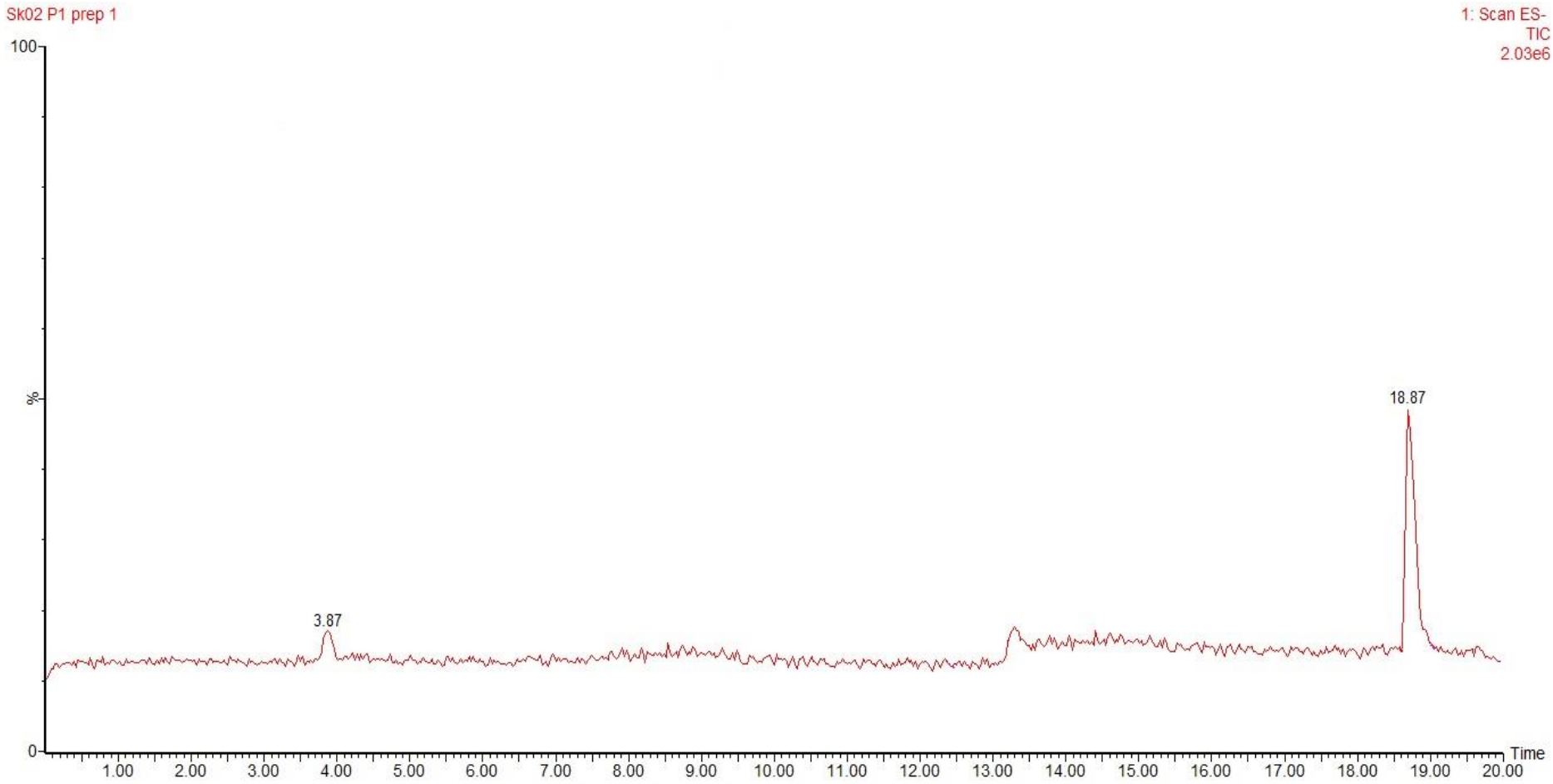
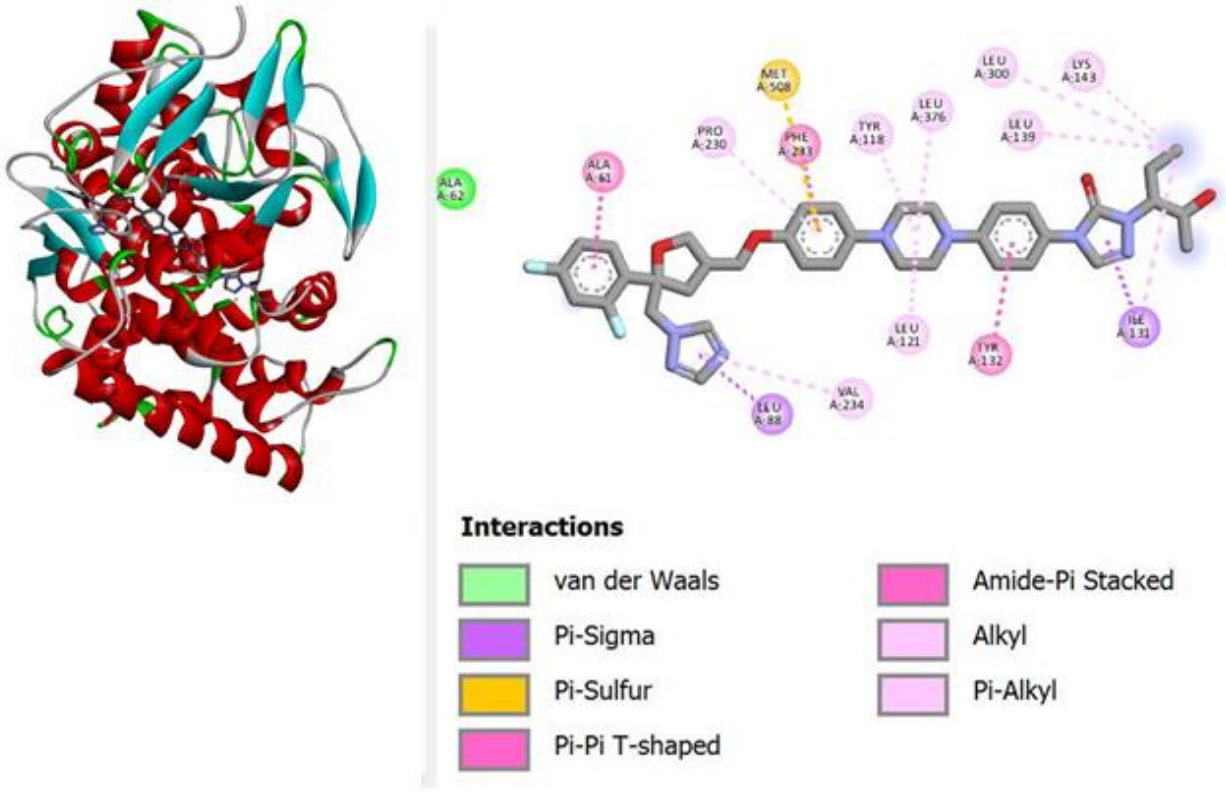


Supplementary Figure S1. Analytical HPLC chromatogram of purified compound 340 showing a dominant peak at Rt 18.87 min. A very small early-eluting peak, routinely observed on this system and attributed to a persistent column/solvent impurity, is also visible. The isolated metabolite appears as a single major peak at the same retention region in our GCMS analyses, supporting the high purity of the compound.



Supplementary Figure S2. Docking validation using posaconazole as reference inhibitor with *C. albicans* lanosterol 14α-demethylase (CYP51, PDB ID: 5FSA). Left: 3D view of posaconazole bound in the active site. Right: 2D interaction diagram showing key contacts (van der Waals, π–π, alkyl, and amide–π interactions), confirming correct placement within the experimentally defined binding pocket.