

Supplementary Information

Characterizing the interaction between methyl ferulate and human serum albumin by saturation transfer difference NMR technique

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Table S1 $\eta(t_{sat})$ values for each ligand proton of MF (1.3×10^{-3} M) for its interaction with HSA

(10×10^{-6} M).

proton	0.5s	0.75s	1.0s	1.5s	2s	5s
H1	0.134	0.195	0.227	0.316	0.355	0.424
H2	0.133	0.182	0.254	0.320	0.360	0.433
H3	0.123	0.188	0.231	0.280	0.315	0.363
H4	0.155	0.201	0.267	0.338	0.396	0.449
H5	0.147	0.207	0.273	0.354	0.393	0.450
H6	0.119	0.164	0.198	0.272	0.300	0.339
H8	0.126	0.184	0.234	0.288	0.327	0.378

Values obtained by scaling the off-resonance spectrum to the difference spectrum.

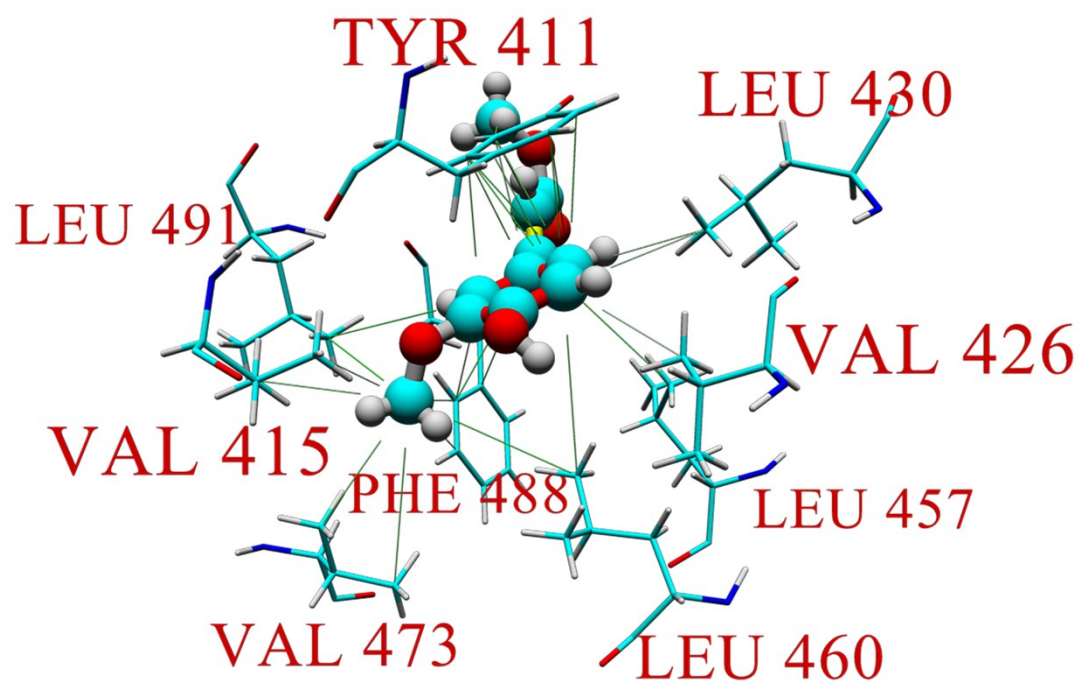


Figure S1 3D diagram of amino acid residues that interact with MF. Green line represents

hydrophobic force.