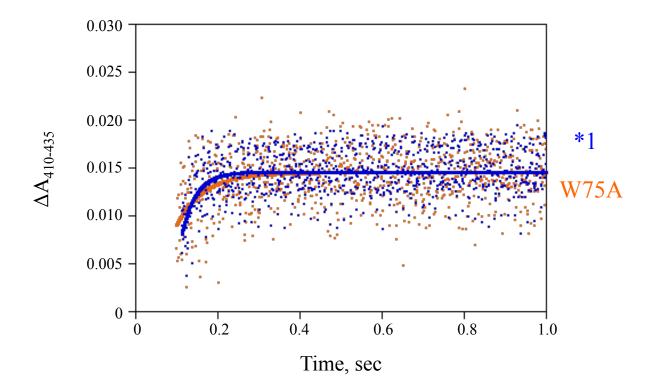
Tryptophan-75 is a low energy channel gating residue that facilitates substrate egress/access in cytochrome P450 2D6. McCarty, Ratliff, K. Furge, L. Furge. *Drug Metab Dispos*, DMD-AR-2020-000274.



Supp Figure S5. Determination of k_{off} by stopped-flow spectroscopy. Composite absorbance changes from absorbance maxima and minima ($\Delta A_{410-435}$) over time (4 sec) were created for each reaction condition. Only the first second is shown. Four replicates of reactions with CYP2D6*1 (blue line) and seven reactions with the Trp75Ala mutant (orange line) were averaged and fit to first order rate equation in the Olis Spectral Works software. Values for k_{off} with CYP2D6*1 and the Trp75Ala mutant were 28 ± 4 and 14.4 ± 0.6 s⁻¹, respectively.