

**Table S3. Dissociation constants ( $K_{ic}$ ) of enzyme-inhibitor complexes.**

PTF <sup>a</sup>	$K_{ic}$ ( $\mu\text{M}$ ) <sup>b</sup>		$R_{K_{ic}}$ (WT/G119S)
	WT	G119S	
3	126.6 $\pm$ 2.8	21.8 $\pm$ 1.9	5.8
10	88.2 $\pm$ 4.2	64.5 $\pm$ 1.8	1.4
20	56.1 $\pm$ 1.8	5.6 $\pm$ 0.1	10.0
25	131.3 $\pm$ 3.1	24.9 $\pm$ 0.6	5.3
29	17.1 $\pm$ 6.8	8.9 $\pm$ 2.7	1.4
39	130.2 $\pm$ 9.2	41.9 $\pm$ 2.3	3.1
Tacrine <sup>c</sup>	2.7 $\pm$ 0.3	4.4 $\pm$ 0.1	0.6

<sup>a</sup> numbers refer to Table S1

<sup>b</sup> data were measured from five independent replicates.

<sup>c</sup> competitive inhibitor reference