

Table S2. Activities of PTFs on G119S, F290V and F331W OP-insensitive AChE1.

PTF ^a	IC ₅₀ (μM) ^b		R _{IC50}	IC ₅₀ (μM) ^b		R _{IC50}	IC ₅₀ (μM) ^b		R _{IC50}
	WT	G119S		(WT/G119S)	F290V		(WT/F290V)	F331W	
3	29.4	6.2	5	12.4	2	17.8	2		
10	592.0	81.4	7	85.9	7	88.2	7		
20	330.0	27.5	12	14.5	23	8.3	40		
25	442.0	28.6	15	39.3	12	31.9	14		
29	118.0	33.5	4	37.4	3	11.2	11		
39	74.3	7.6	10	13.9	5	8.7	9		

^a numbers refer to Table S1

^b IC₅₀ values were determined from regression analysis of log-concentrations versus percentage inhibitions. R_{IC50} = IC₅₀ WT / IC₅₀ G119S, F290V or F331W