

**Table S2 – Complement to Figure 1:** For each time point, the comparison between D4L-1, D4L-2, and Sivelestat groups within each concentration, on the left side; the comparison between the concentration groups within each HNEI (one-way ANOVA test), in the middle; and the effect of the interaction between concentration and type of HNEI (two-way ANOVA test), on the right, according to HNEIs' incubations with plasma (top) or diluted plasma (bottom).

<i>Plasma</i>	<i>D4L-1 vs. D4L-2 vs. Sivelestat, p</i>				<i>100x vs. 10x vs. 1x vs. 0.1x vs. 0.1x IC50s, p</i>		
<i>Time (min.)</i>	<b>100x IC50</b>	<b>10x IC50</b>	<b>1x IC50</b>	<b>0.1x IC50</b>	<b>D4L-1</b>	<b>D4L-2</b>	<b>Sivelestat</b>
<b>0</b>	<0.001	<0.001	0.153	0.347	<0.001	0.033	0.534
<b>15</b>	<0.001	<0.001	0.132	0.141	<0.001	<0.001	0.071
<b>30</b>	<0.001	0.001	0.338	0.639	<0.001	0.012	0.375
<b>60</b>	<0.001	0.078	0.144	0.641	<0.001	0.040	0.002
<b>180</b>	0.572	0.088	0.135	0.611	0.064	0.026	0.001

  

<i>Diluted Plasma</i>	<i>D4L-1 vs. D4L-2 vs. Sivelestat, p</i>				<i>100x vs. 10x vs. 1x vs. 0.1x vs. 0.01x IC50, p</i>		
<i>Time (min.)</i>	<b>100x IC50</b>	<b>10x IC50</b>	<b>1x IC50</b>	<b>0.1x IC50</b>	<b>D4L-1</b>	<b>D4L-2</b>	<b>Sivelestat</b>
<b>0</b>	<0.001	<0.001	0.041	0.964	<0.001	<0.001	0.808
<b>15</b>	<0.001	<0.001	0.030	0.548	<0.001	<0.001	0.190
<b>30</b>	<0.001	<0.001	0.028	0.309	<0.001	<0.001	0.002
<b>60</b>	<0.001	0.001	0.040	0.146	<0.001	<0.001	0.017
<b>180</b>	0.037	0.645	0.630	0.954	<0.001	0.001	0.276

*IC50, half maximal inhibitory concentration. p<0.05 was considered statistically significant (ANOVA one-way test).*