

Figure 3. PG/VG effect on microsomal recombinant CYP2A6 activity.

	Negative Control	0.125% PG/VG
Mean	29694	29064
SEM	10849	10903

Microsomal recombinant CYP2A6 was incubated with the CYP2A6 substrate 3-cyanocoumarin in the presence of 0.125% PG/VG (vehicle control) and with no test chemical. Fluorescence was measured at excitation $\lambda=415$, emission $\lambda=460$ following a 10-minute PG/VG-microsomal recombinant CYP2A6 pre-incubation period followed by a 60-minute incubation period with 3-cyanocoumarin. n=3, mean +/- SEM. Ratio paired t-test identified no significant differences in fluorescence by 0.125% PG/VG.

SEM: standard error of the mean

CYP2A6: cytochrome (enzyme) 2A6

PG: polyethylene glycol

VG: vegetable glycerin

n: number of independent observations