

Table 1 – The effect of different doses of PEG400 on the bioavailability of ranitidine in male and female rats; mean \pm standard deviation are shown; n=5-6

Dose of PEG 400 (mg/Kg)	Male		Female	
	AUC ₀₋₄₈₀ ($\mu\text{g}\cdot\text{min}/\text{mL}$)	Variation against the control	AUC ₀₋₄₈₀ ($\mu\text{g}\cdot\text{min}/\text{mL}$)	Variation against the control
0 (control)	347.6 \pm 42.5	NA	409.8 \pm 175.4	NA
13	410.2 \pm 182.0	+18%	403.3 \pm 53.2	-2%
26	517.6 \pm 140.0	+49%*	437.6 \pm 90.3	+7%
51	476.3 \pm 130.0	+37%*	416.1 \pm 117.0	+2%
77	456.5 \pm 80.4	+31%*	425.3 \pm 71.9	+4%
103	375.0 \pm 58.5	+8%	368.8 \pm 104.0	-10%
154	271.9 \pm 17.6	-22%*	394.4 \pm 45.4	-4%

* Indicates statistical difference ($p < 0.05$) from the control group.