

- Pharmacokinetic data in subjects, post glucosamine administration – non compartmental:

The data obtained from the analysis of subjects' blood samples obtained during stage 2 was used to determine the pharmacokinetic parameters post glucosamine administration as summarized in table 9.

Table 9: Subjects pharmacokinetic parameters post glucosamine administration

| Subject/Parameter | C _{max} (ng/ml) | T _{max} (hr) | AUC _{0-t} (ng/ml.hr) | T _{1/2} (hr) | K _{el} (hr ⁻¹) | AUC _{0-∞} (ng/ml.hr) | Last t (hr) | AUC _{0-t} /AUC _{0-∞} |
|-------------------|-----------------------------|--------------------------|----------------------------------|--------------------------|--|----------------------------------|----------------|--|
| #1 | 4962.7 | 1.33 | 17375.3 | 3.6 | 0.2 | 18983.3 | 12.0 | 0.9 |
| #2 | 3559.4 | 2.00 | 16422.1 | 3.4 | 0.2 | 18279.5 | 12.0 | 0.9 |
| #3 | 3987.6 | 2.50 | 18848.7 | 4.5 | 0.2 | 22676.6 | 12.0 | 0.8 |
| #4 | 5229.9 | 2.50 | 16832.3 | 3.2 | 0.2 | 18136.0 | 12.0 | 0.9 |
| #5 | 7012.2 | 2.00 | 21758.2 | 3.9 | 0.2 | 24428.4 | 12.0 | 0.9 |
| #6 | 5623.6 | 0.75 | 20784.1 | 3.1 | 0.2 | 22323.5 | 12.0 | 0.9 |
| MEAN | 5062.6 | 1.8 | 18670.1 | 3.6 | 0.2 | 20804.6 | 12.0 | 0.9 |
| STD | 1230.4 | 0.7 | 2197.5 | 0.5 | 0.0 | 2674.2 | 0.0 | 0.0 |