



calculated with 90% confidence intervals (CIs).

**PHARMACOKINETIC RESULTS:**

The pharmacokinetic parameters and associated statistical analysis of tacrolimus following administration of FK506E (MR4) under fasted and non-fasted conditions are presented in the following table:

<b>Parameter</b>	<b>FK506E (MR4) non-fasted (N=27)</b>	<b>FK506E (MR4) fasted (N=27)</b>	<b>Ratio of geometric LS means (90% CI) non-fasted:fasted</b>
<b>AUC<sub>0-24</sub> (ng.h/mL)</b>	173 (23.2)	201 (16.6)	0.861 (0.815-0.910)
<b>C<sub>max</sub> (ng/mL)</b>	11.5 (37.4)	14.1 (24.1)	0.815 (0.742-0.896)
<b>C<sub>min</sub> (ng/mL)</b>	5.21 (20.7)	5.87 (15.7)	0.888 (0.842-0.936)
<b>C<sub>24</sub> (ng/mL)</b>	5.32 (20.7)	6.09 (14.3)	0.873 (0.825-0.925)
<b>t<sub>max</sub><sup>a</sup> (h)</b>	3.00 (2.00-8.00)	2.00 (1.00-4.00)	NC

Geometric mean (CV%) data are presented

N = Total number of patients

NC = Not calculated

<sup>a</sup>Median (min-max)

**CONCLUSIONS:**

- Mean AUC<sub>0-24</sub> for tacrolimus was 14% lower following administration of FK506E (MR4) after a standard continental breakfast compared to under fasted conditions. Individual changes in AUC<sub>0-24</sub> ranged from +29% to -38% under non-fasted compared to fasted conditions.
- Mean C<sub>max</sub> for tacrolimus was 19% lower following administration of FK506E (MR4) after a standard continental breakfast compared to under fasted conditions.
- The time to reach the maximum concentration of tacrolimus was 1 hour later when FK506E (MR4) was administered after a standard continental breakfast (3 hours) compared to under fasted conditions (2 hours).
- Regression analysis demonstrated good correlation between AUC<sub>0-24</sub> and C<sub>24</sub> for tacrolimus following administration in the non-fasted and fasted states.

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