

PKPD model

Intravenous bolus – One compartment –Linear effect- Parallel study design

Model	OFV	Population estimate (%SE)	Between subject variability (%SE)
	2819.75		
CL (L/hr)		1.06 (3.4)	27.2 % (15)
V (L)		9.54 (3.1)	30.5 % (12.5)
Residual variability			
Proportional error		6% (14.4)	
Additive error		1.0 ug/ml (6.9)	
PKPD model: Linear effect model			
Effect = slope. Plasma concentration	1586.7		
slope		2.04 (3.2)	32% (11.7)
Residual variability			
Proportional error		5.0% (4.2)	