

**Table 3.** Values of fitted parameters by different drug release models

Drug release models	Fitted parameters	Sample		
		DD	MDD	PMDD
Zero order kinetics	$r^2$	0.6995	0.9729	0.9613
	$k_0$	0.4391 (0.287) <sup>a</sup>	0.0707 (0.009)	0.0877 (0.012)
First order kinetics	$r^2$	0.9042	0.988	0.9857
	$k_1$	0.0148 (0.005)	0.0009 (0.0001)	0.0012 (0.0001)
Higuchi	$r^2$	0.9111	0.9834	0.9951
	$k_h$	7.1167 (2.221)	1.7146 (0.168)	2.1208 (0.105)
Korsmeyer-Peppas	$r^2$	0.936	0.9972	0.9996
	$n$	0.3473 (0.104)	0.7015 (0.03)	0.5951 (0.009)
	$k$	17.0329 (7.345)	0.4822 (0.076)	1.1526 (0.051)
Hixson-Crowell	$r^2$	0.8436	0.9839	0.979
	$k_s$	0.0146 (0.006)	0.0013 (0.0001)	0.0016 (0.0001)

<sup>a</sup> Half-width of a 95% confidence interval of the fitted parameters