

Supplementary material

Table S1. Mathematical modeling of the experimental data, their equations and statistical parameters.

Model	Equation	R2_adj	RSME
Zero order	$F = k_0 \times t$	0.53	33.25
Higuchi	$F = k_H \times t^{0.5}$	-0.94	14.34
Korsmeyer Peppas	$F = k_{KP} \times t^n$	0.86	3.89
Peppas Shalin	$F = k_1 \times t^m + k_2 \times t^{(2 \times m)}$	0.91	3.73
Peppas Shalin with Tlag	$F = k_1 \times (t - T_{lag})^m + k_2 \times (t - T_{lag})^{(2 \times m)}$	0.94	2.63