**Table S4:** Drug release kinetic model fitting for BQF and BQF ME.

|  |  |  |
| --- | --- | --- |
| **Model name** | **BQF** | **BQF ME** |
| Zero order | 0.958 | **0.958** |
| First order | **0.992** | 0.154 |
| Higuchi model | 0.974 | **0.974** |
| Hixson-Crowell model | **0.989** | 0.063 |
| Korsmeyer-Peppas model | 0.836 | 0.836 |