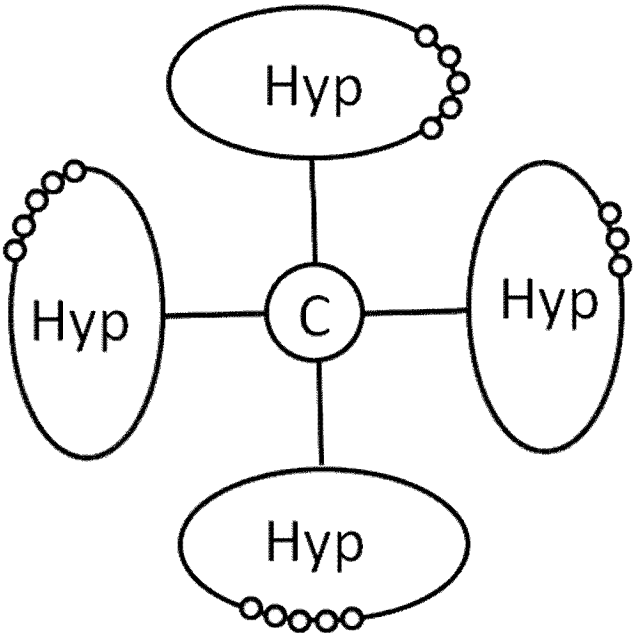


Fig. 1

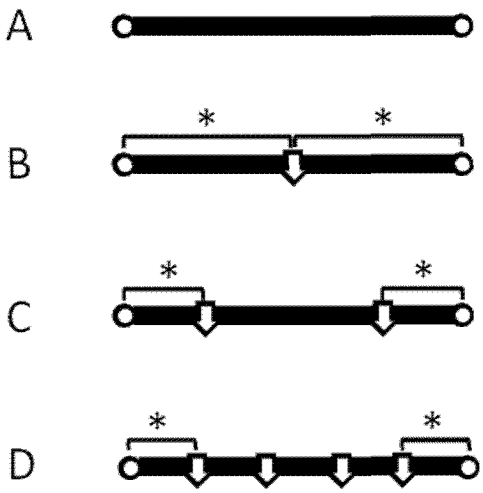


Fig. 2

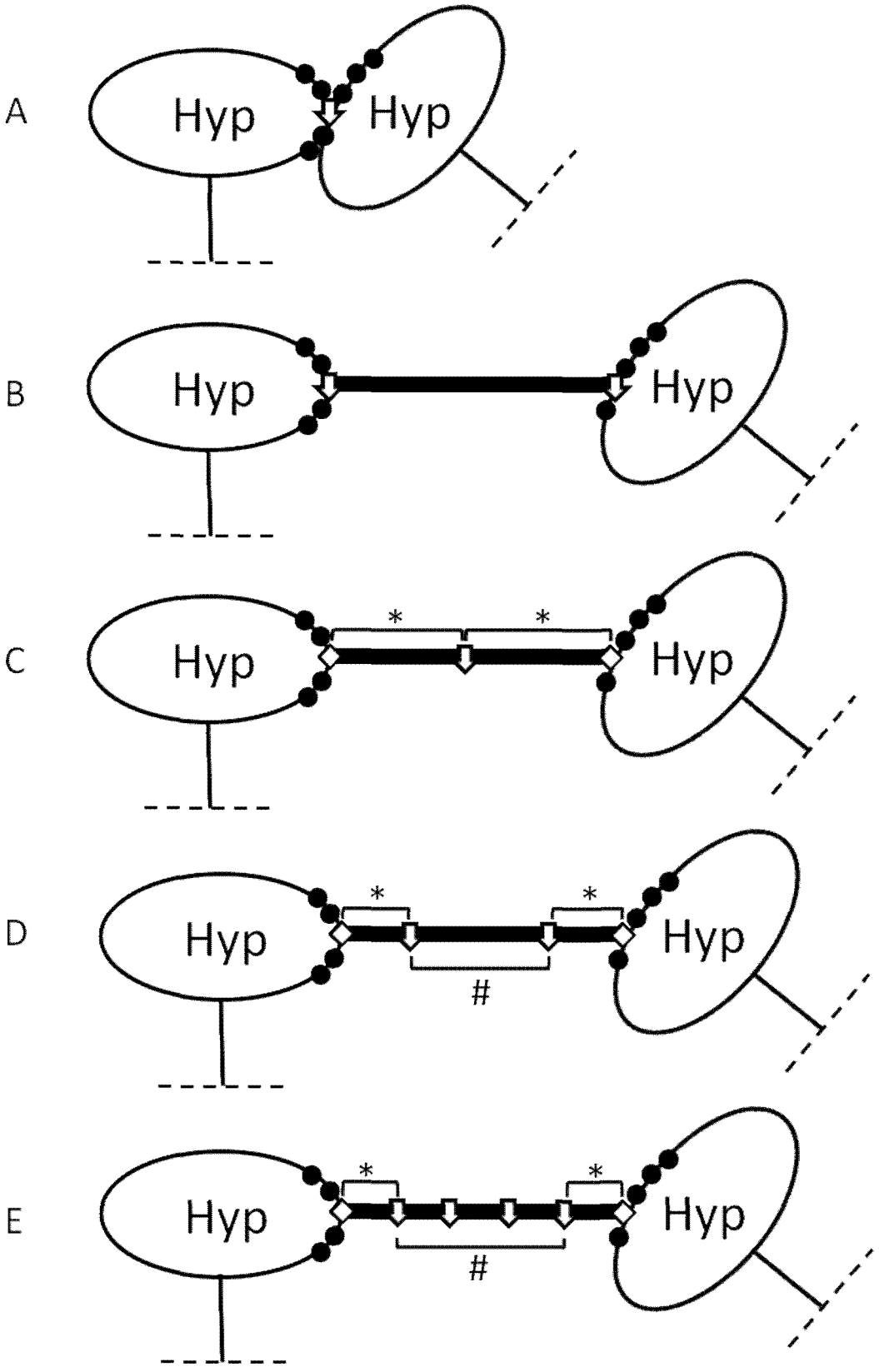


Fig. 3

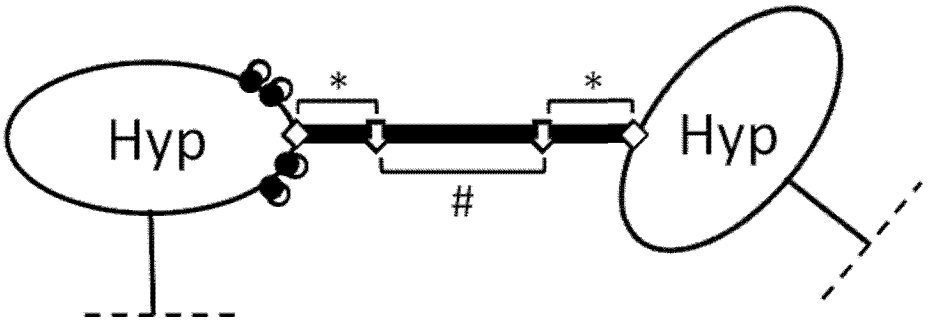


Fig. 4

5

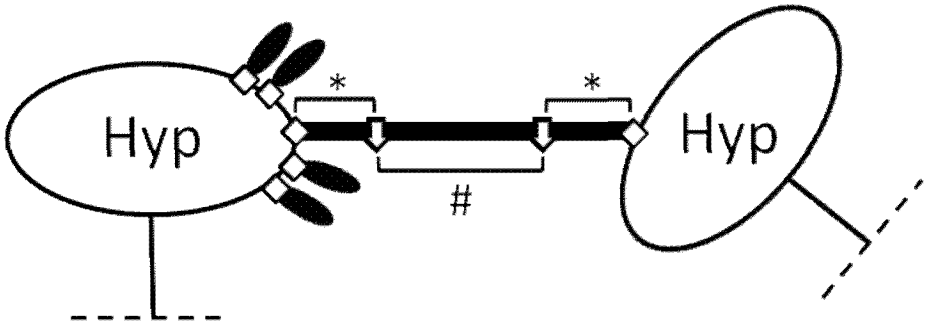


Fig. 5

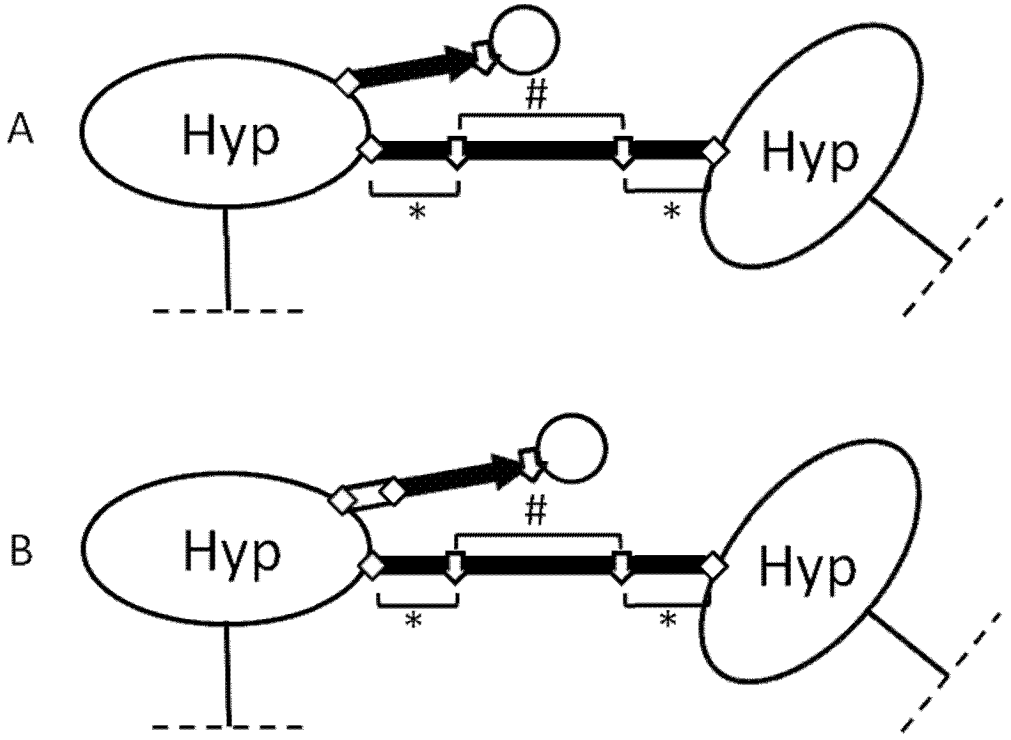
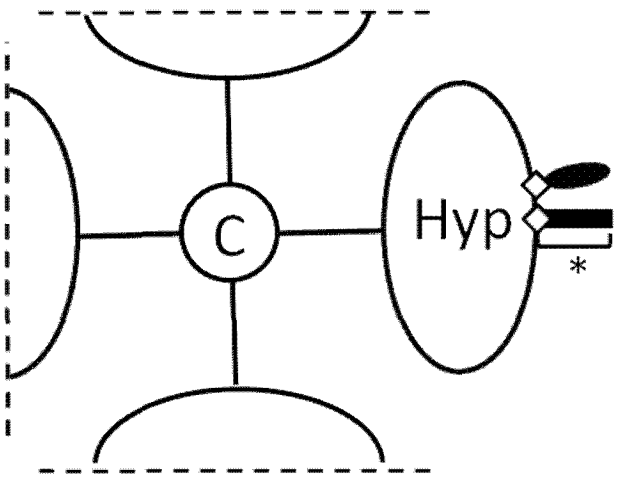


Fig. 6

A



B

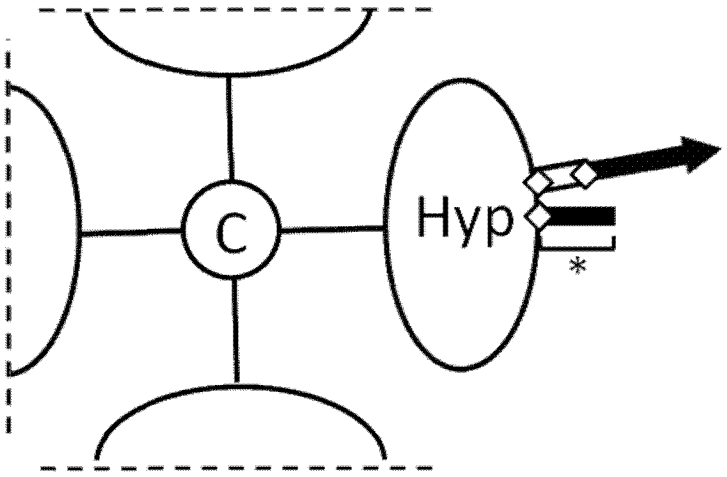


Fig. 7

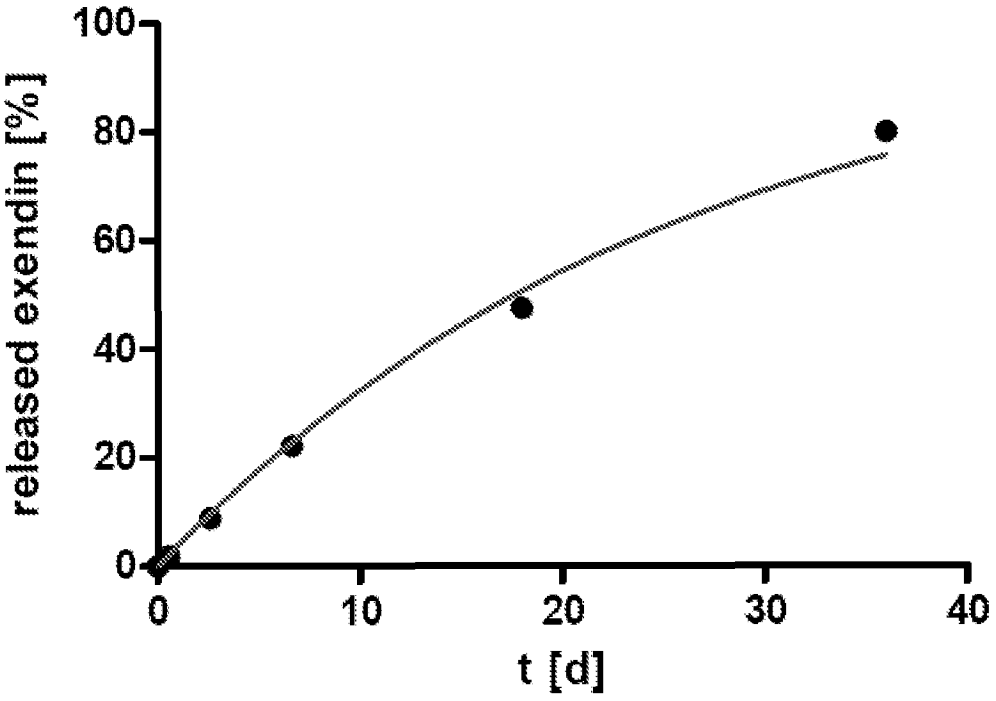


Fig. 8

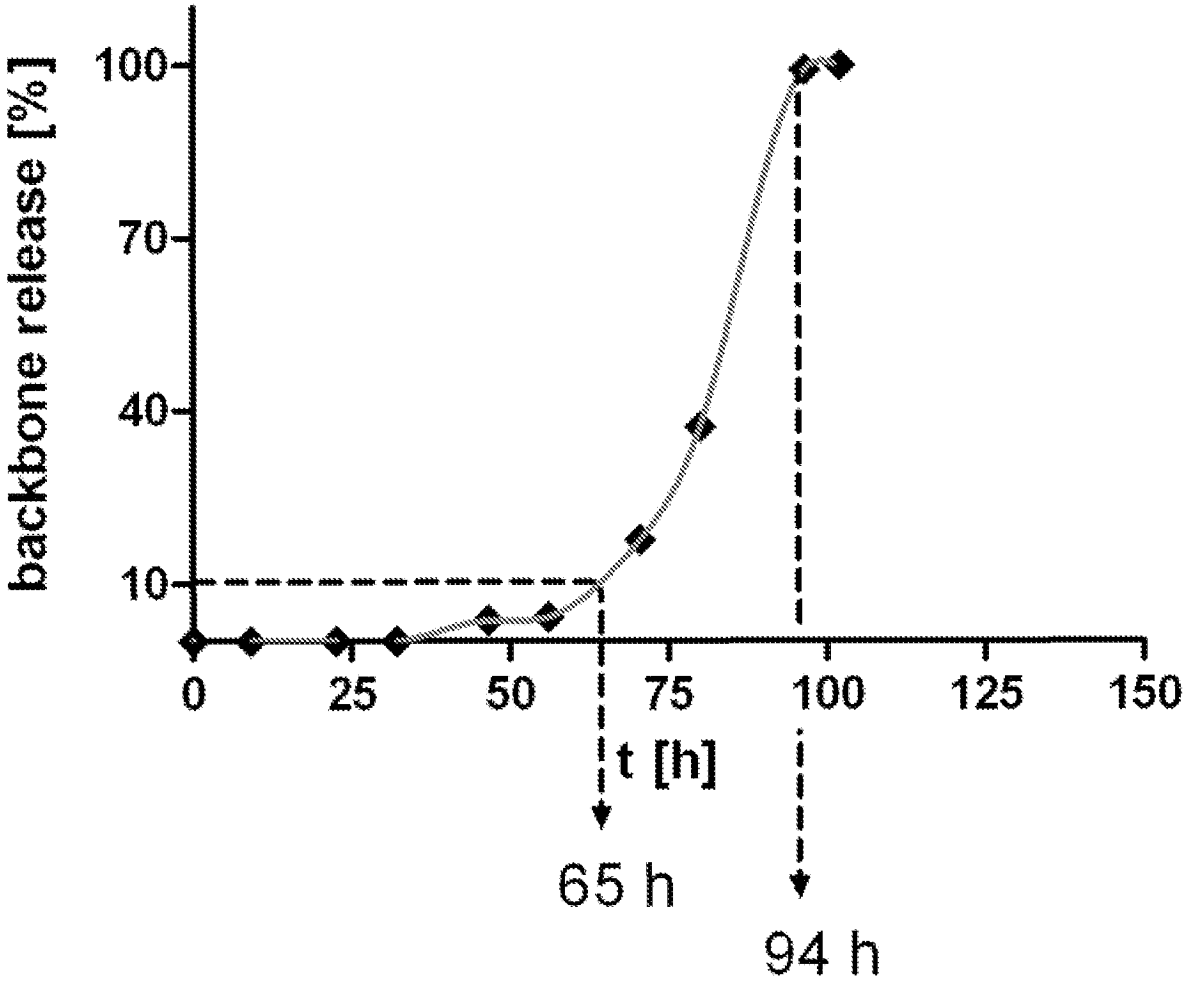


Fig. 9

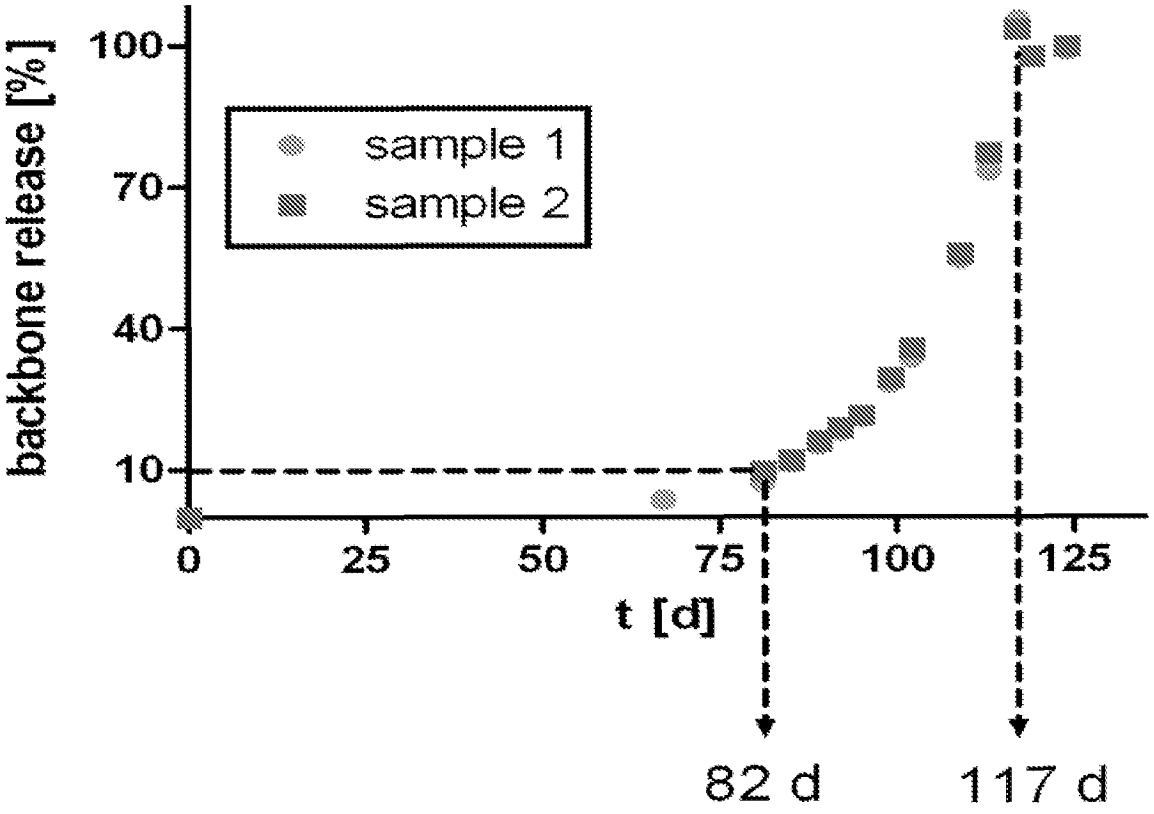

backbone release [%]
100
70
40
10
sample 1
sample 2
0
25
50
75
100
125
t [d]
82 d
117 d

Fig. 10

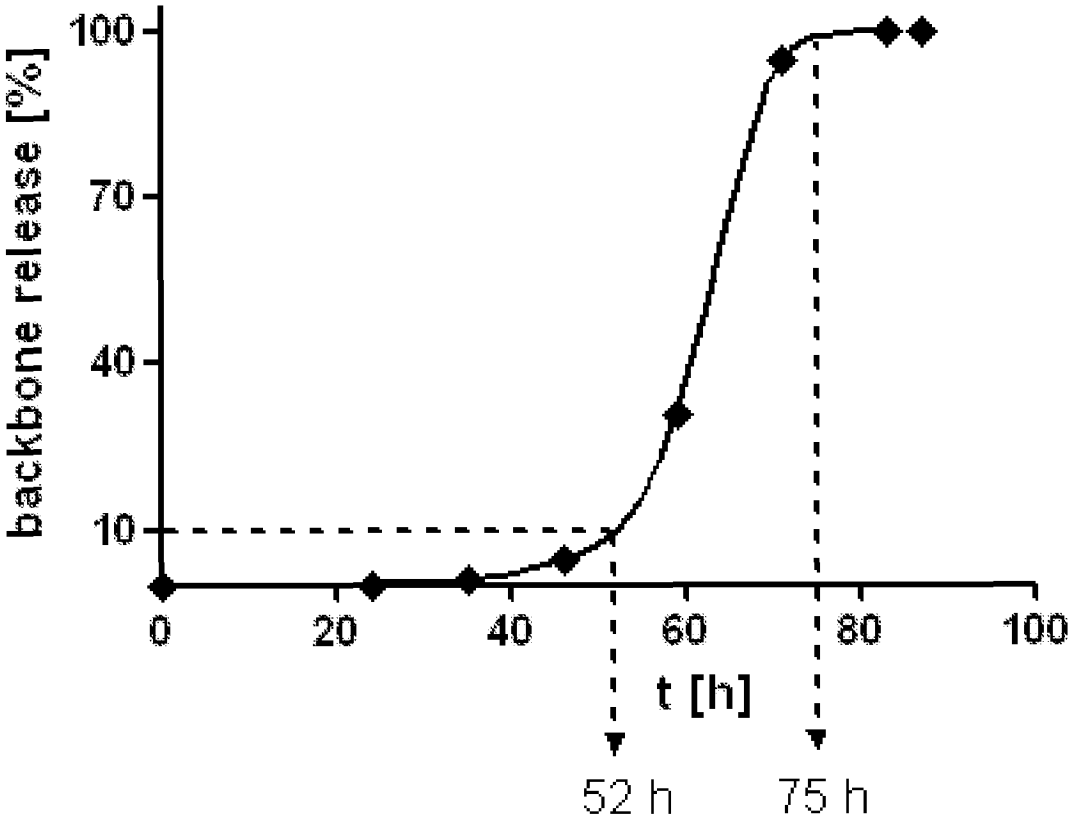


Fig. 11

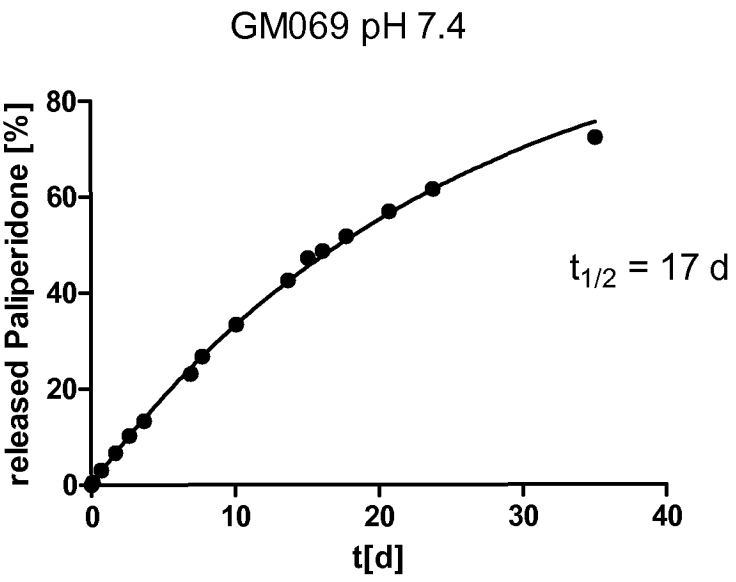

GM069 pH 7.4
released Paliperidone [%]
80
60
40
20
0
0
10
20
30
40
t[d]
$t_{1/2}$ = 17 d

Fig. 12

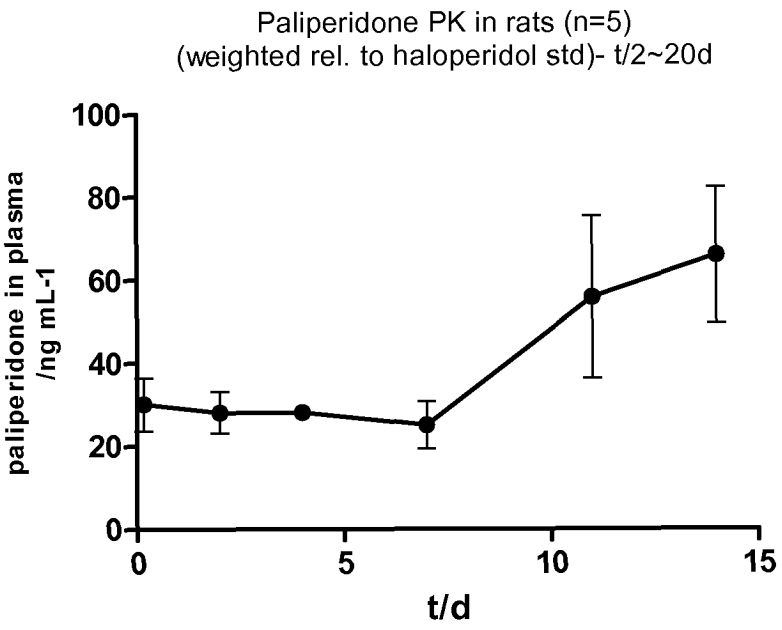

Paliperidone PK in rats (n=5)
(weighted rel. to haloperidol std)- t/2~20d
paliperidone in plasma /ng mL-1
100
80
60
40
20
0
0
5
10
15
t/d

Fig. 13

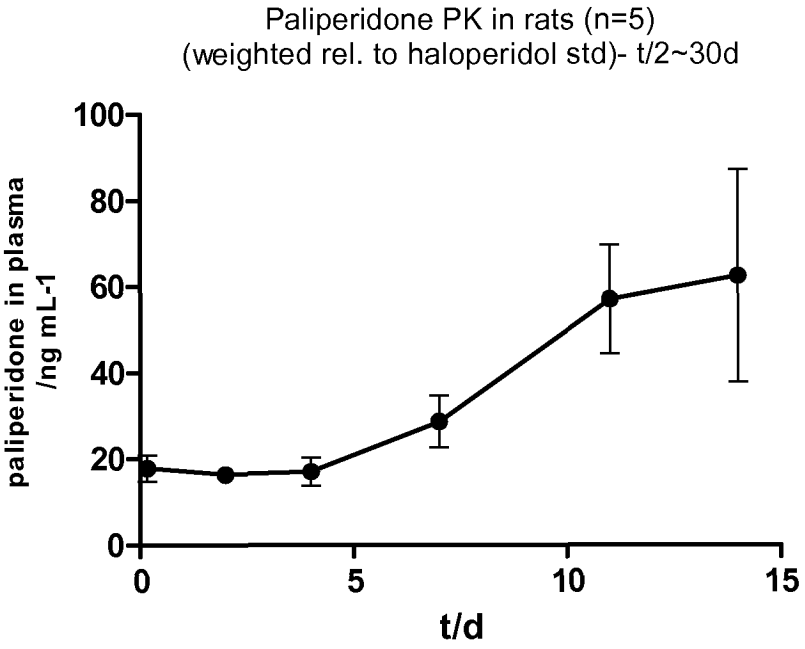

Paliperidone PK in rats (n=5)
(weighted rel. to haloperidol std)- t/2~30d
paliperidone in plasma /ng mL-1
100
80
60
40
20
0
0
5
10
15
t/d

Fig. 14

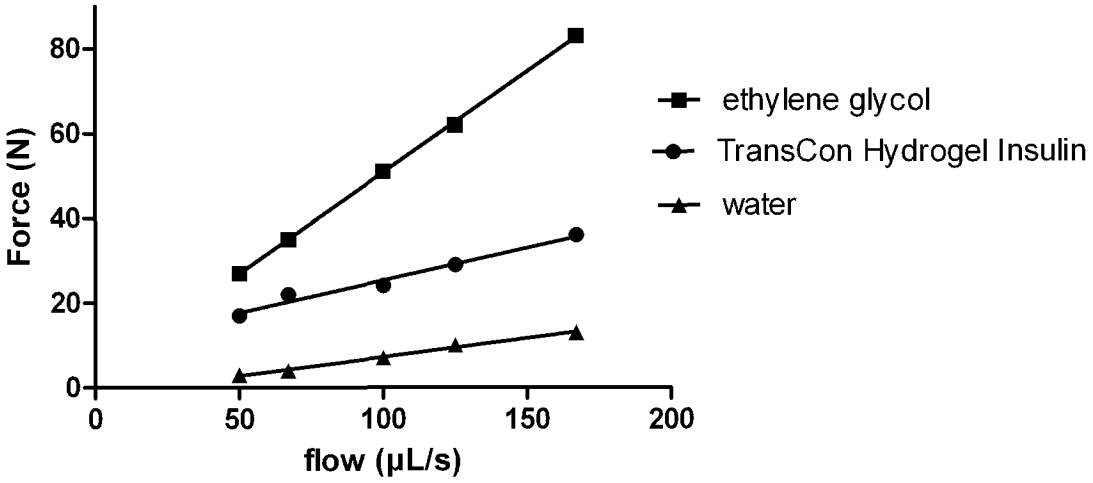

Force (N)
80
60
40
20
0
0
50
100
150
200
flow (µL/s)
ethylene glycol
TransCon Hydrogel Insulin
water

Fig. 15