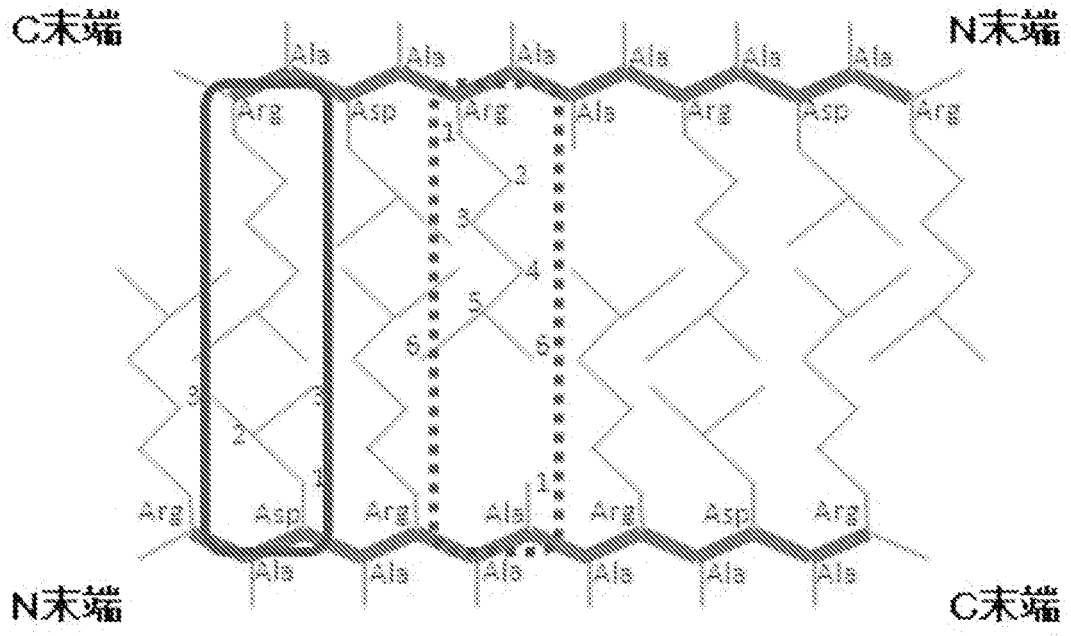
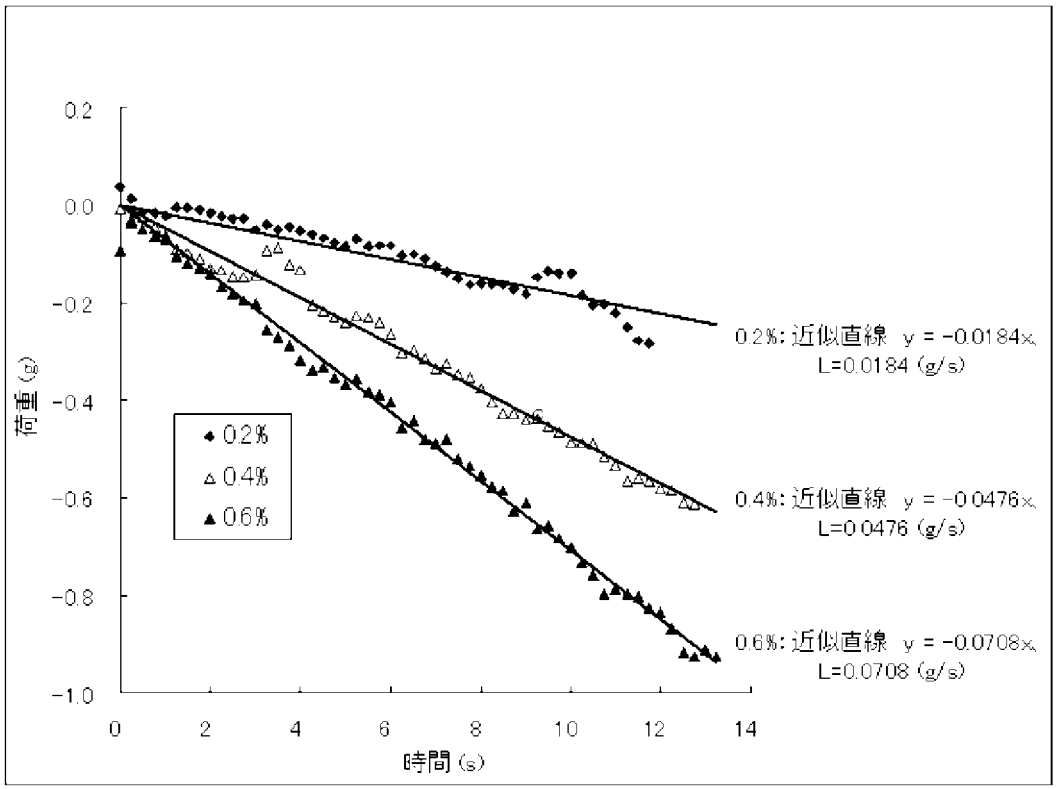
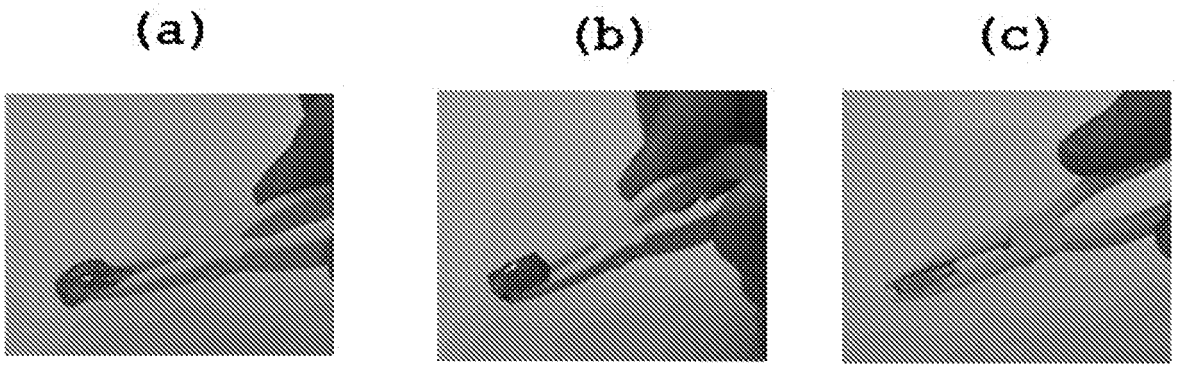
[図1]


C末端
N末端
N末端
C末端
Ala
Arg
Asp

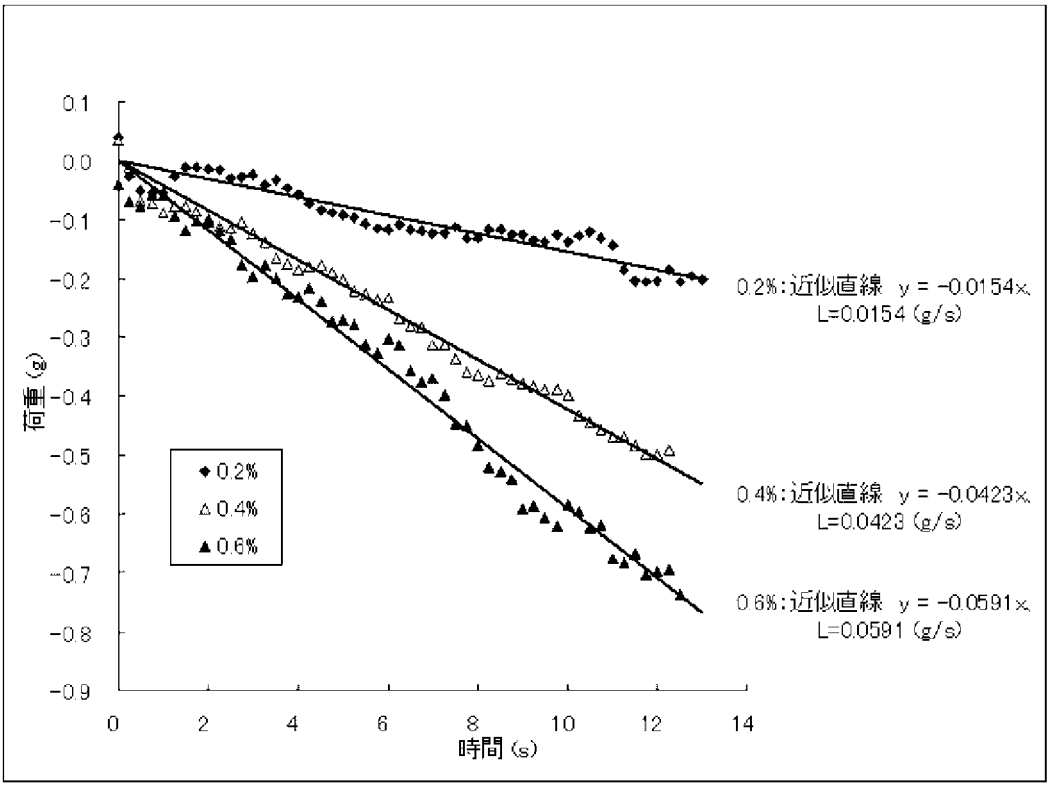
[図2]


荷重 (g)
時間 (s)
0.2%
0.4%
0.6%
0.2%: 近似直線 y = -0.0184x
L=0.0184 (g/s)
0.4%: 近似直線 y = -0.0476x
L=0.0476 (g/s)
0.6%: 近似直線 y = -0.0708x
L=0.0708 (g/s)

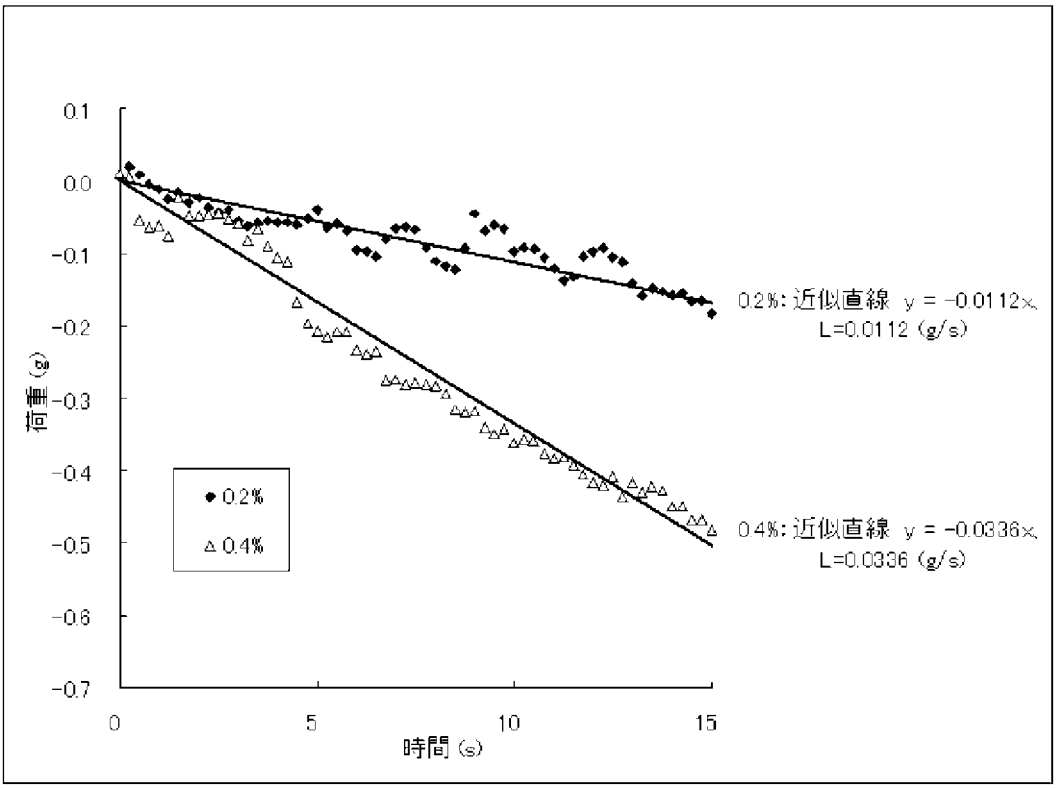
[図3]


(a)
(b)
(c)

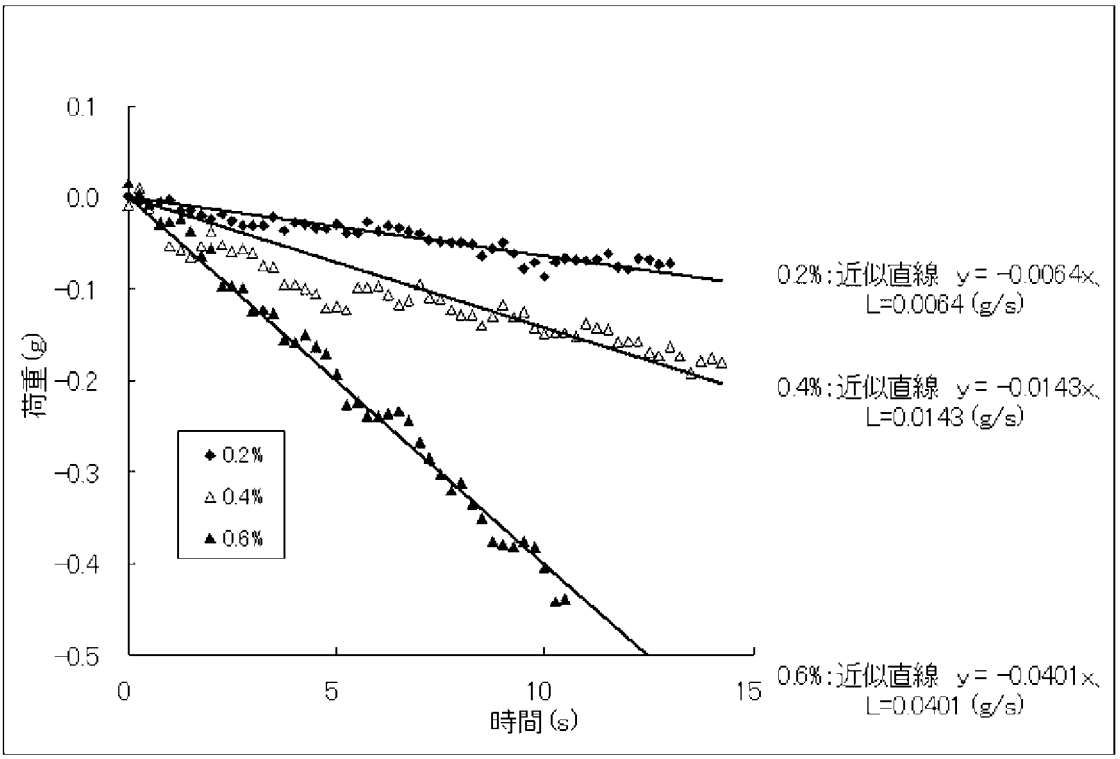
[図4]


荷重 (g)
時間 (s)
0.1
0.0
-0.1
-0.2
-0.3
-0.4
-0.5
-0.6
-0.7
-0.8
-0.9
0
2
4
6
8
10
12
14
◆0.2%
△0.4%
▲0.6%
0.2%:近似直線 y = -0.0154x
L=0.0154 (g/s)
0.4%:近似直線 y = -0.0423x
L=0.0423 (g/s)
0.6%:近似直線 y = -0.0591x
L=0.0591 (g/s)

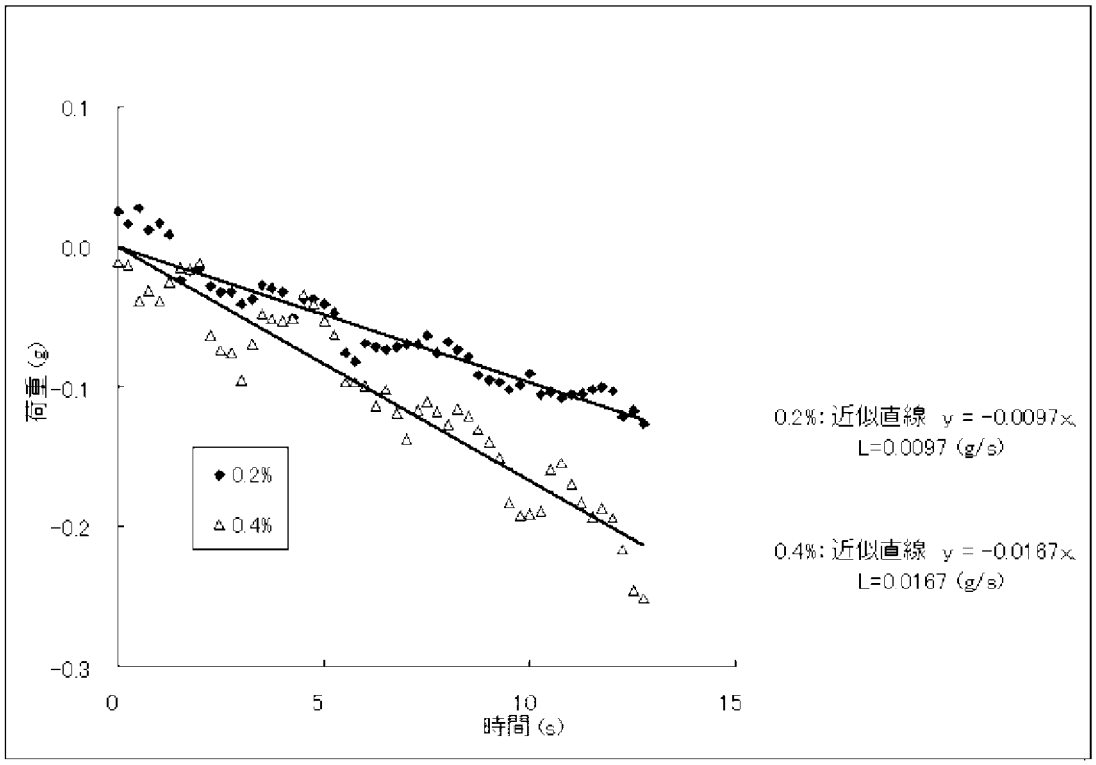
[図5]


0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
荷重 (g)
0
5
10
15
時間 (s)
◆ 0.2%
△ 0.4%
0.2%: 近似直線 y = −0.0112x
L=0.0112 (g/s)
0.4%: 近似直線 y = −0.0336x
L=0.0336 (g/s)

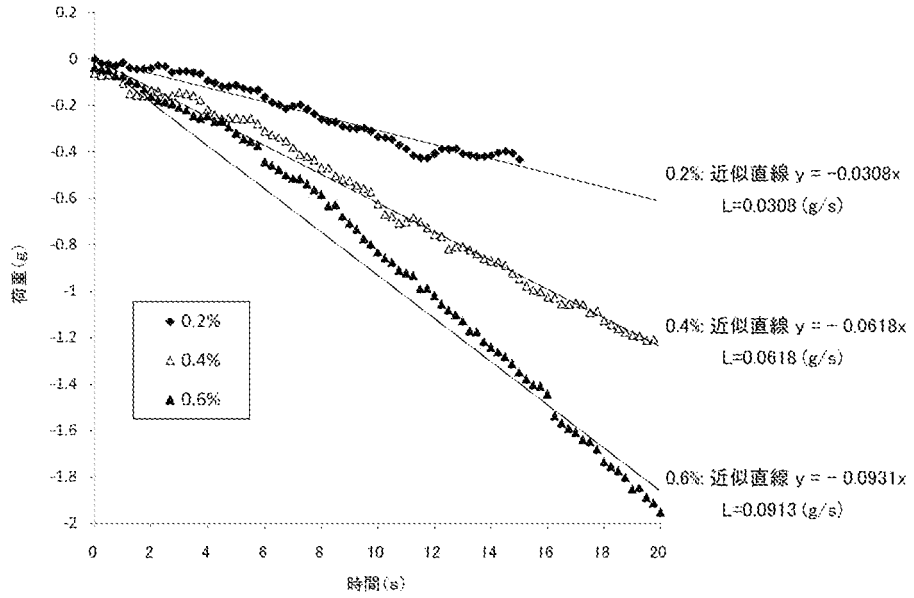
[図6]


0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
荷重 (g)
0
5
10
15
時間 (s)
◆ 0.2%
△ 0.4%
▲ 0.6%
0.2%: 近似直線 y = −0.0064x
L=0.0064 (g/s)
0.4%: 近似直線 y = −0.0143x
L=0.0143 (g/s)
0.6%: 近似直線 y = −0.0401x
L=0.0401 (g/s)

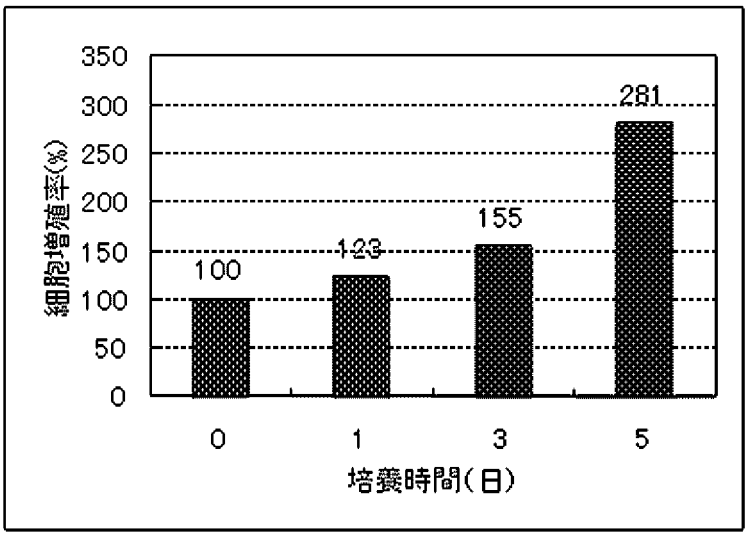
[図7]


0.1
0.0
−0.1
−0.2
−0.3
荷重(g)
0
5
10
15
時間(s)
◆ 0.2%
△ 0.4%
0.2%: 近似直線 y = −0.0097x
L=0.0097 (g/s)
0.4%: 近似直線 y = −0.0167x
L=0.0167 (g/s)

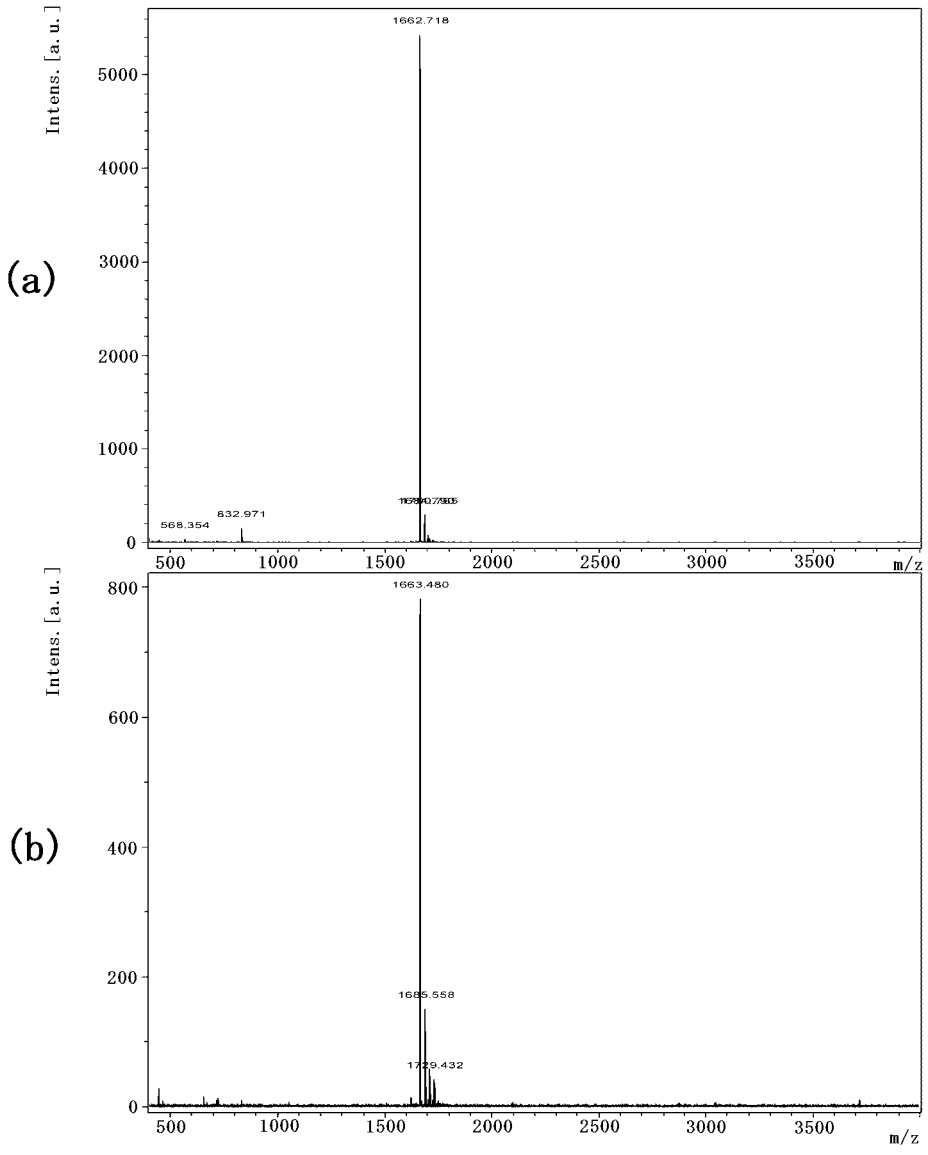
[図8]


0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
-1.6
-1.8
-2
荷重(g)
0
2
4
6
8
10
12
14
16
18
20
時間(s)
◆ 0.2%
△ 0.4%
▲ 0.6%
0.2%: 近似直線 y = −0.0308x
L=0.0308 (g/s)
0.4%: 近似直線 y = −0.0618x
L=0.0618 (g/s)
0.6%: 近似直線 y = −0.0931x
L=0.0913 (g/s)

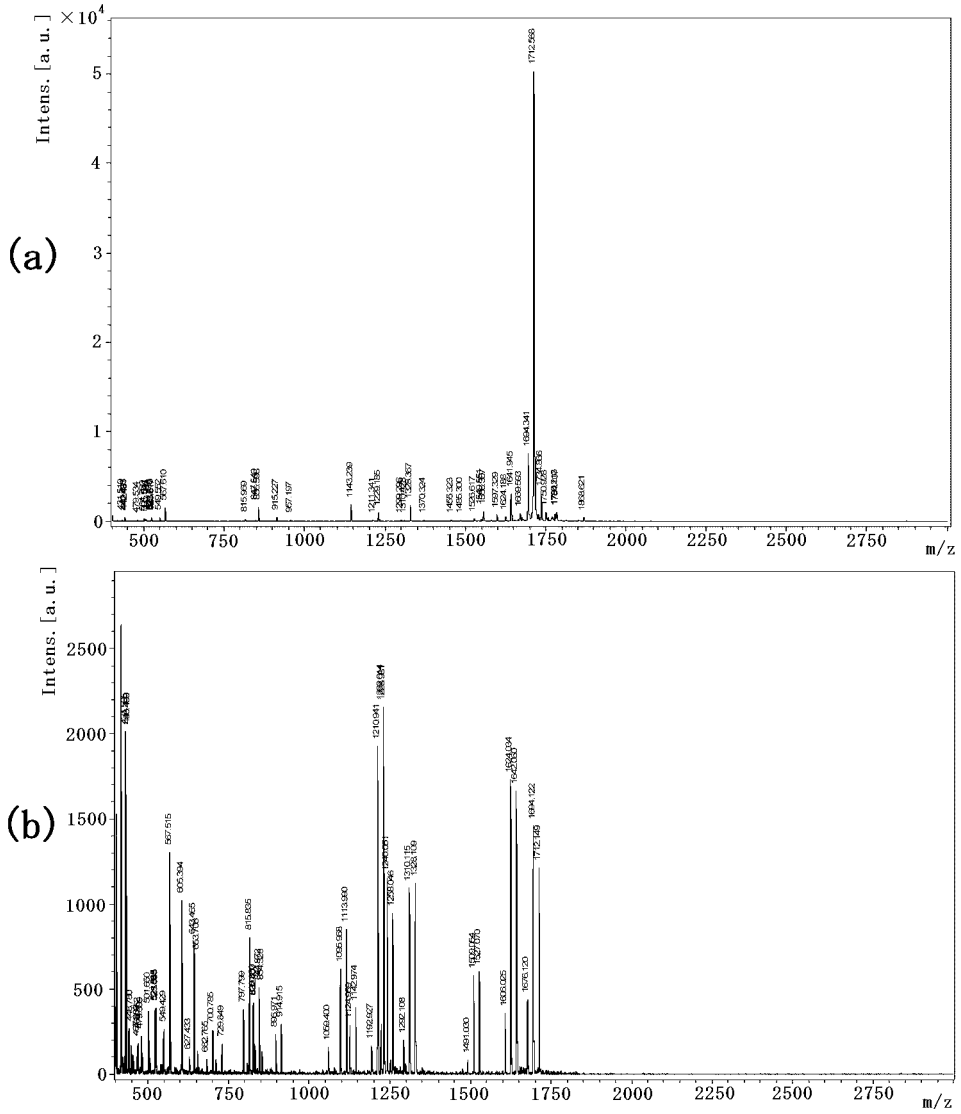
[図9]


350
300
250
200
150
100
50
0
細胞増殖率(%)
100
123
155
281
0
1
3
5
培養時間(日)

[図10]

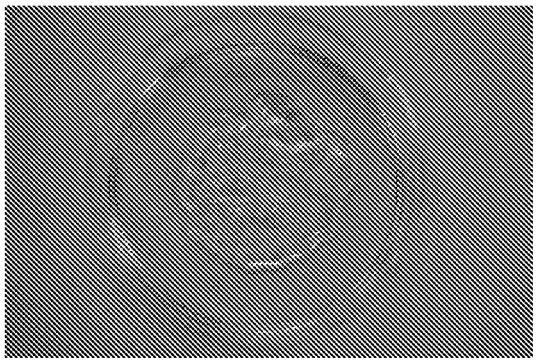

(a)
Intens. [a.u.]
1662.718
568.354
632.971
m/z
(b)
Intens. [a.u.]
1663.480
1685.558
1729.432
m/z

[図11]

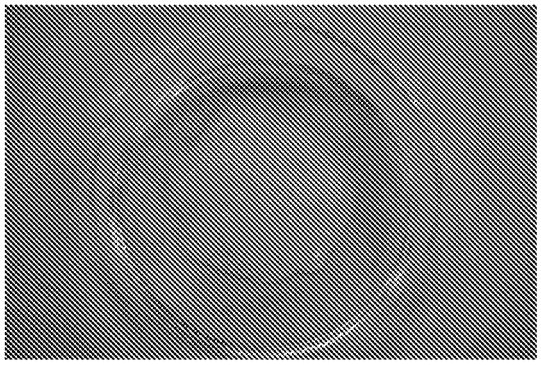


[図12]

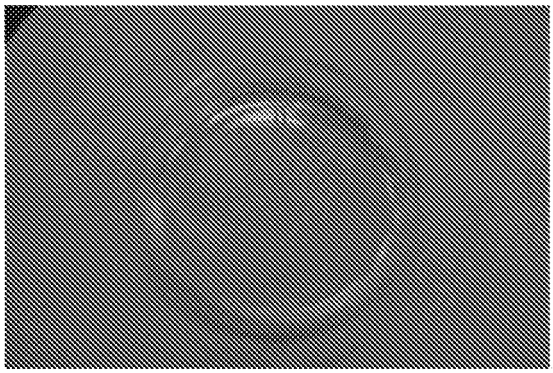
(a)



(b)

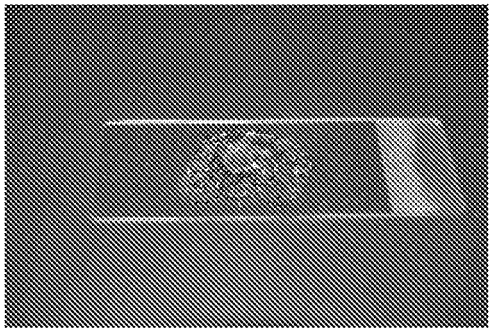


(c)

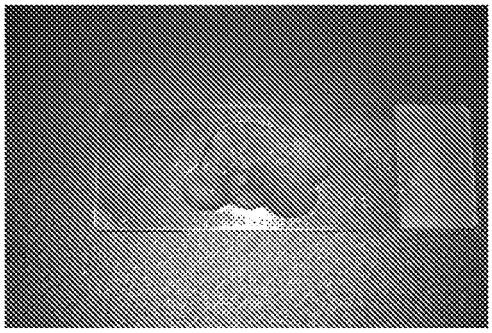


[図13]

(a)



(b)



(c)

