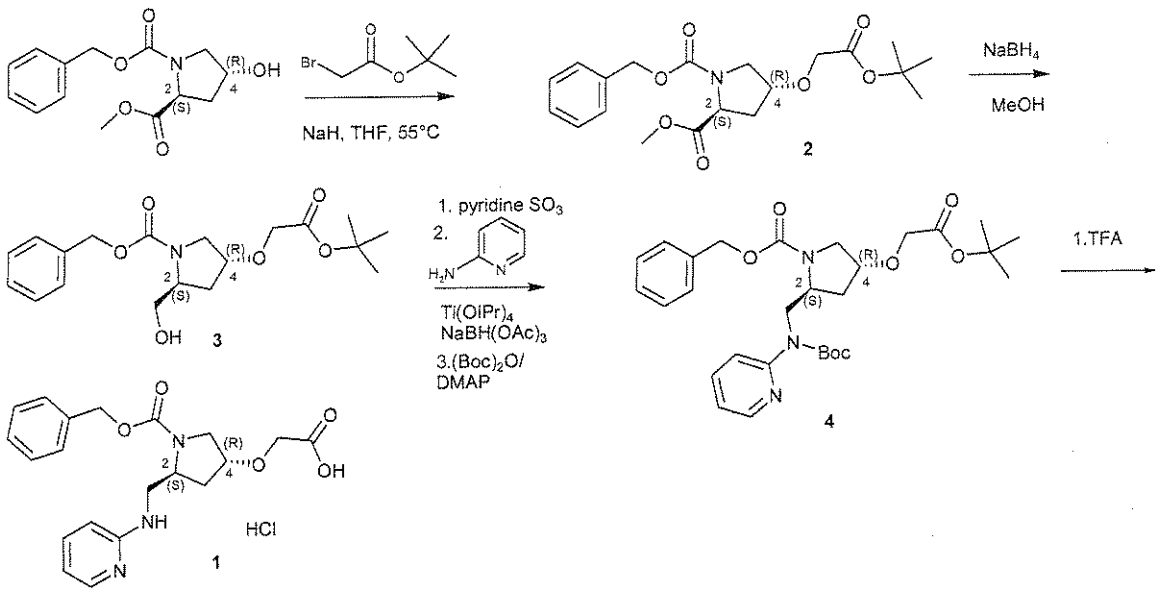

Br
NaH, THF, 55°C
NaBH4
MeOH
2
1. pyridine SO3
2.
H2N
N
Ti(OiPr)4
NaBH(OAc)3
3.(Boc)2O/
DMAP
3
OH
1.TFA
N-Boc
4
HCl
1
NH
OH

Fig. 1

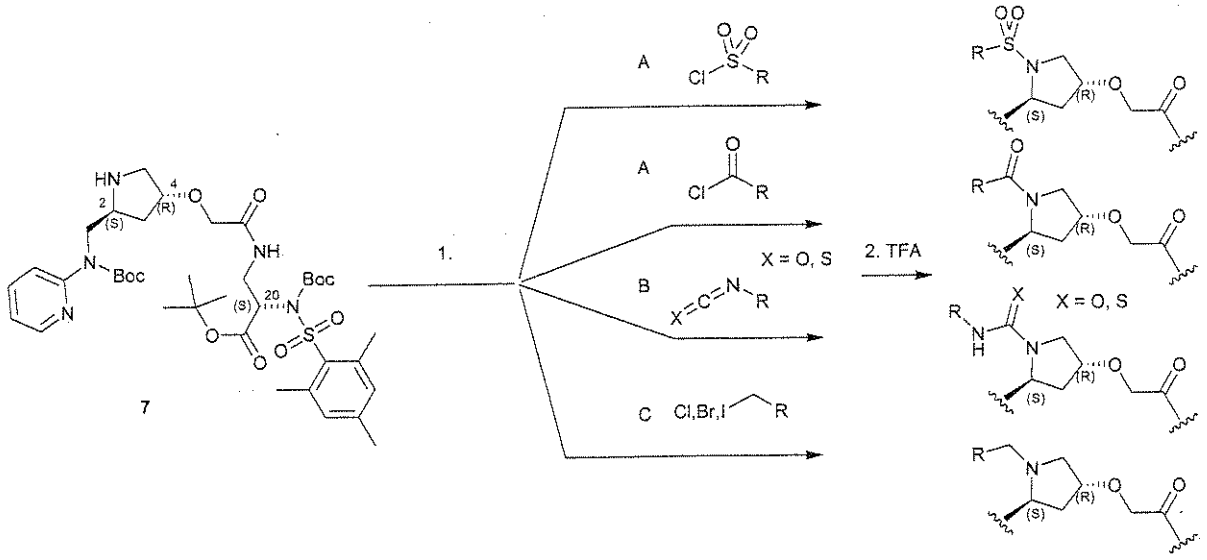


Fig. 2

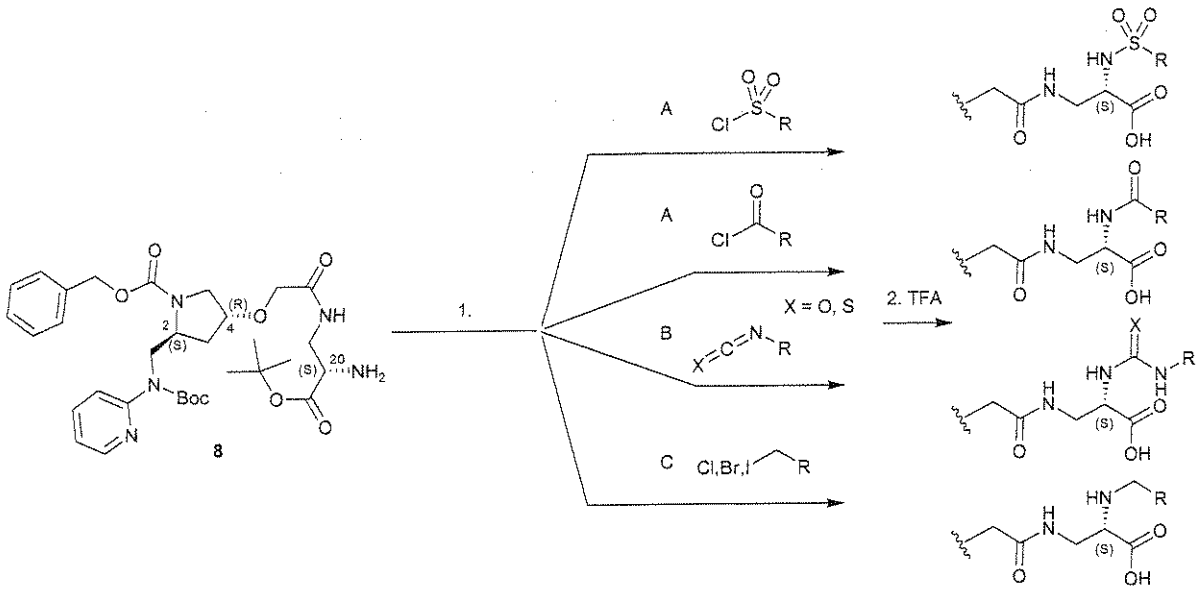


Fig. 3

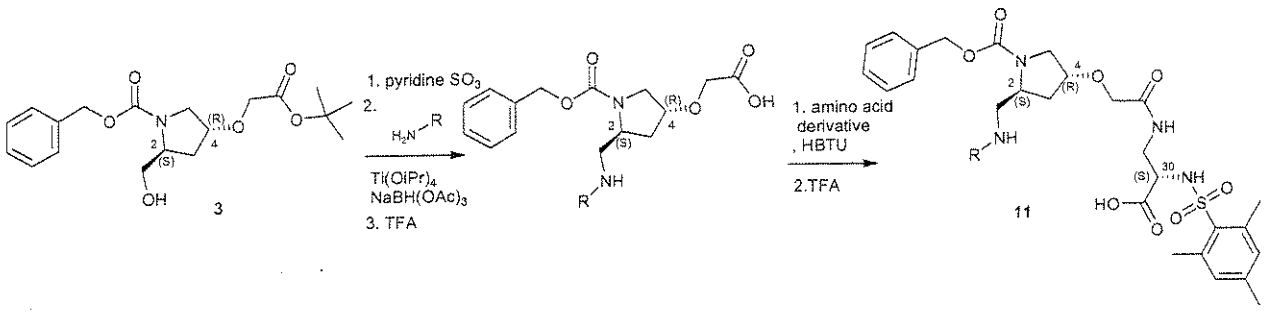

1. pyridine SO3
2.
H2N R
Ti(OiPr)4
NaBH(OAc)3
3. TFA
1. amino acid derivative
, HBTU
2.TFA
3
11

Fig. 4

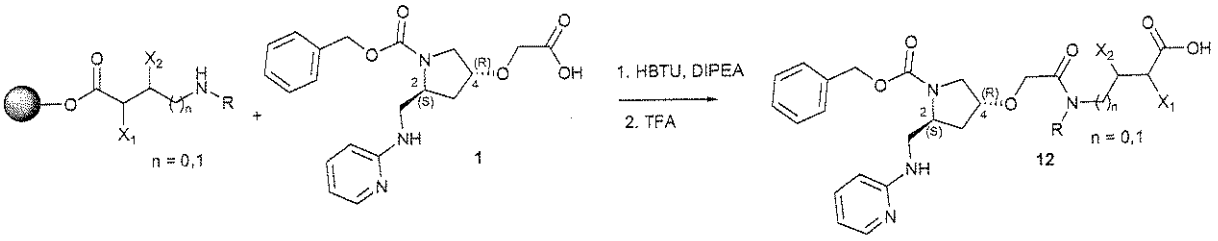


Fig. 5

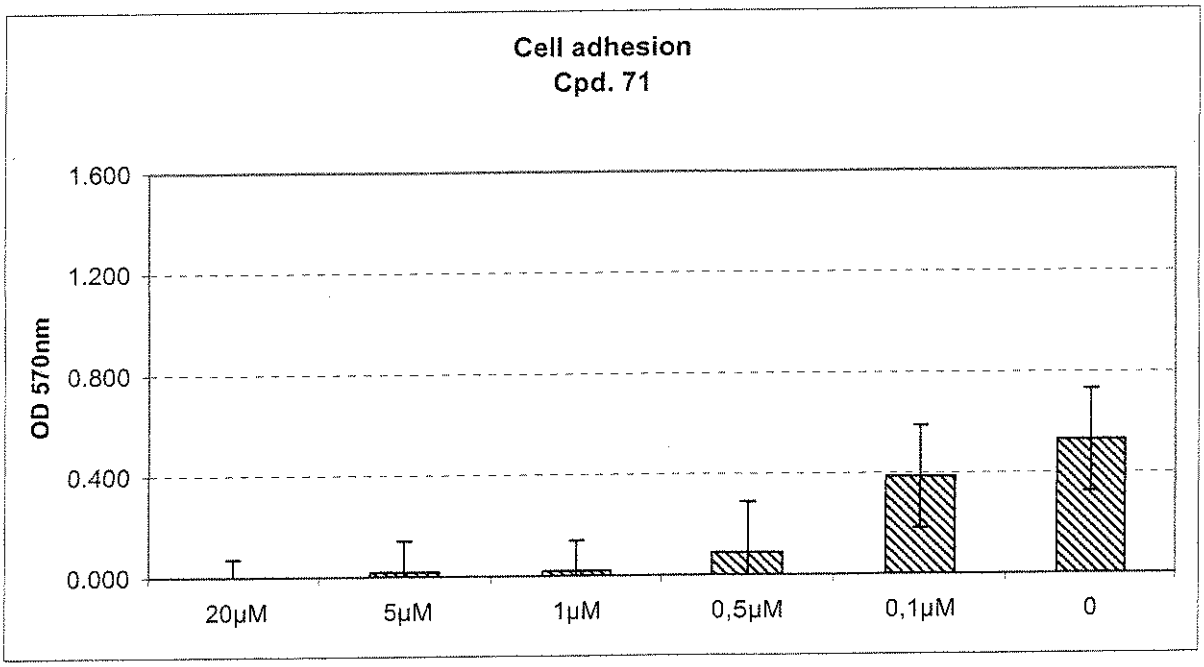

Cell adhesion
Cpd. 71
OD 570nm
1.600
1.200
0.800
0.400
0.000
20µM
5µM
1µM
0,5µM
0,1µM
0

Fig. 6

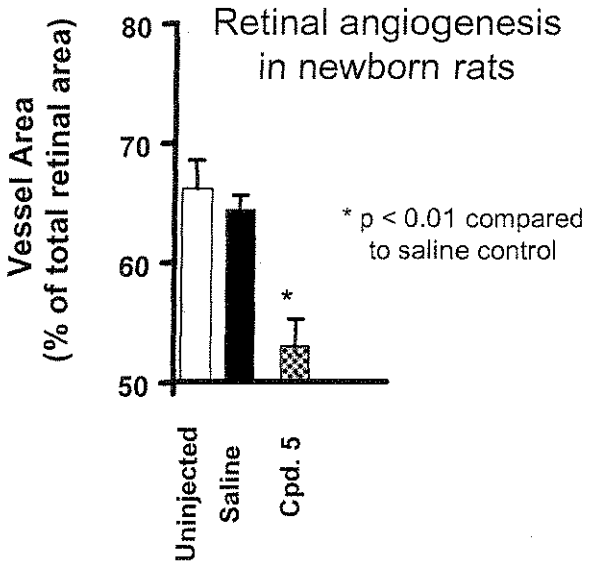

Retinal angiogenesis
in newborn rats
Vessel Area
(% of total retinal area)
80
70
60
50
* p < 0.01 compared
to saline control
*
Uninjected
Saline
Cpd. 5

Fig. 7