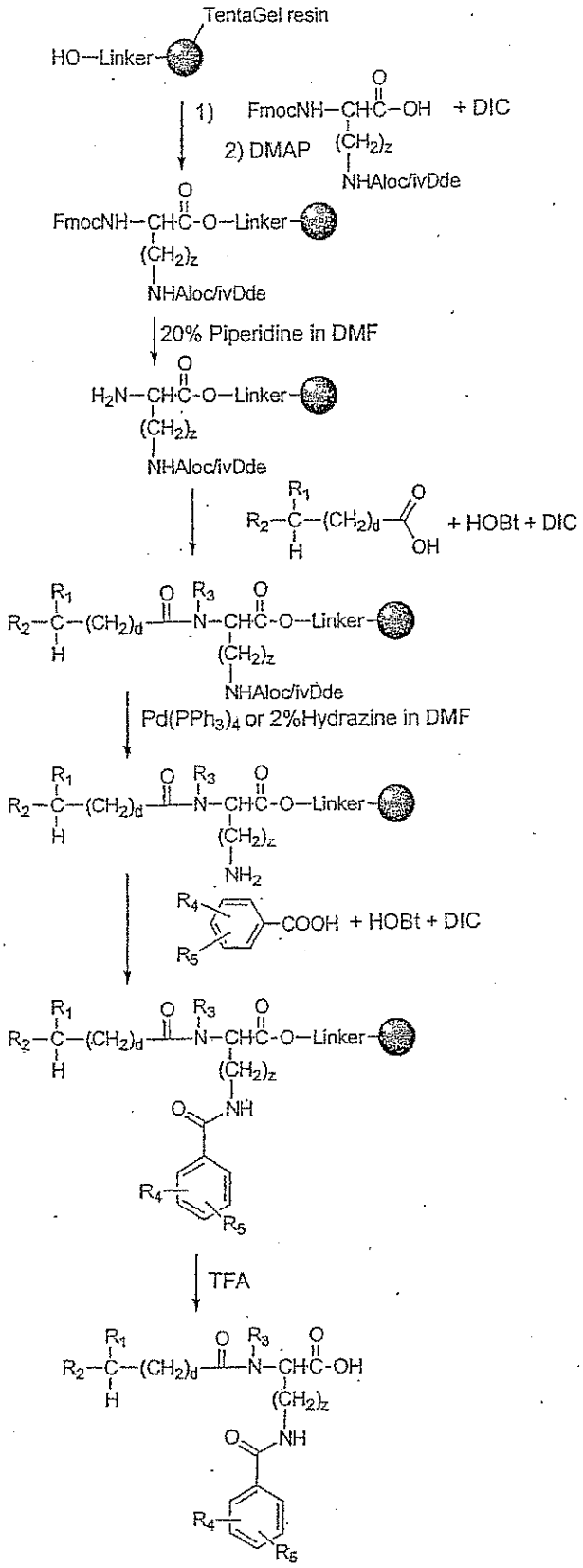

TentaGel resin
HO—Linker
1) FmocNH—CH—C—OH + DIC
2) DMAP
(CH2)z
NHAloc/ivDde
FmocNH—CH—C—O—Linker
20% Piperidine in DMF
H2N—CH—C—O—Linker
+ HOBt + DIC
Pd(PPh3)4 or 2%Hydrazine in DMF
NH2
COOH + HOBt + DIC
NH
TFA
OH

Figure 1a

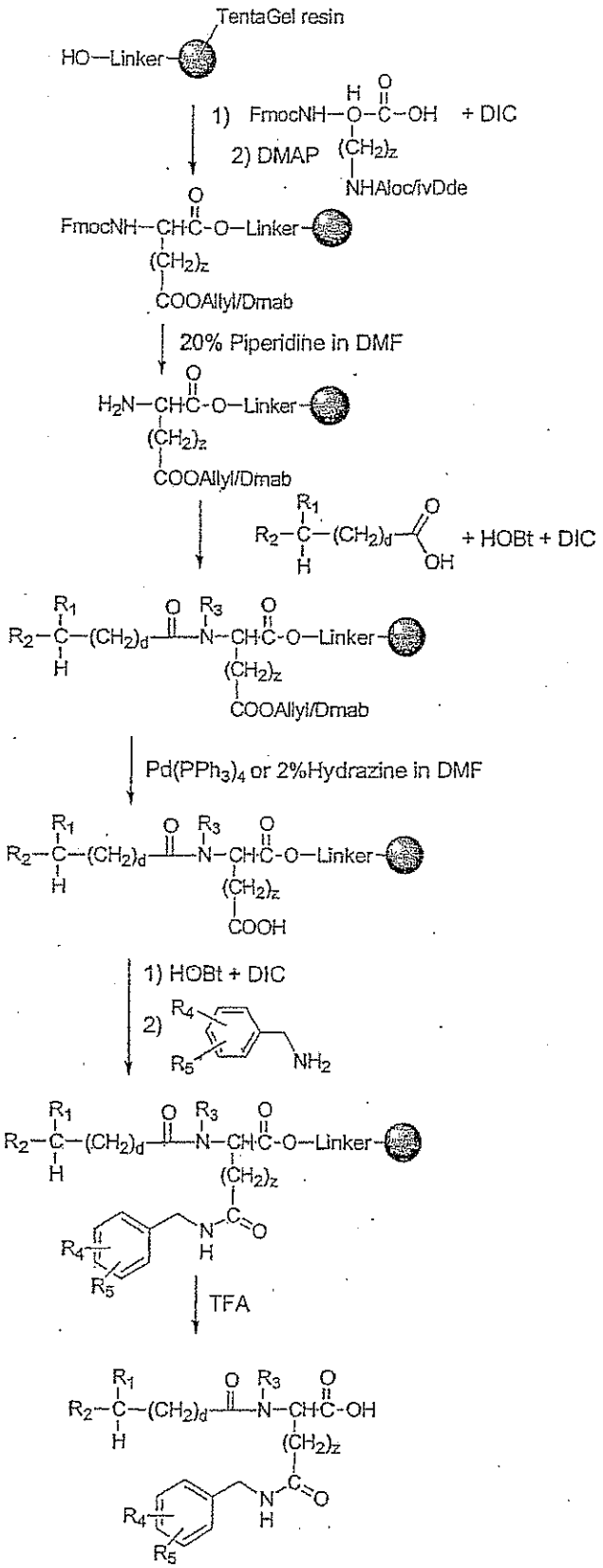
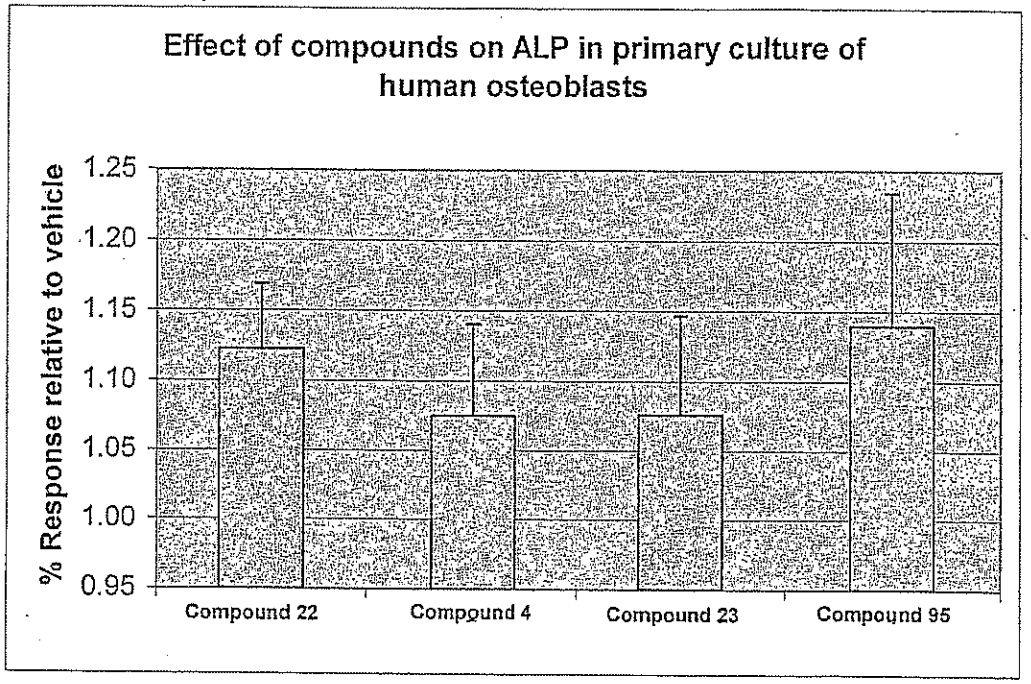

TentaGel resin
HO—Linker
1) FmocNH—O—C—OH + DIC
2) DMAP
(CH2)z
NHAloc/ivDde
FmocNH—CH—C—O—Linker
(CH2)z
COOAllyl/Dmab
20% Piperidine in DMF
H2N—CH—C—O—Linker
(CH2)z
COOAllyl/Dmab
+ HOBt + DIC
Pd(PPh3)4 or 2%Hydrazine in DMF
COOH
1) HOBt + DIC
2)
NH2
TFA

Figure 1b

Figure 2


Effect of compounds on ALP in primary culture of human osteoblasts
% Response relative to vehicle
1.25
1.20
1.15
1.10
1.05
1.00
0.95
Compound 22
Compound 4
Compound 23
Compound 95