

MTX	R_1=N, R_2=CH_3
PDX	R_1=CH, R_2=H_2C-C≡CH

Fig. 1

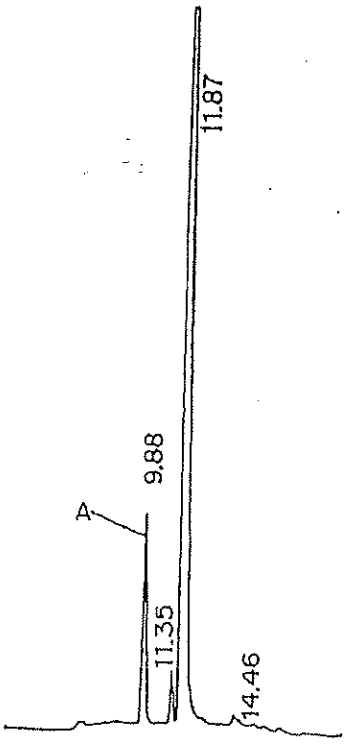


FIG. 2

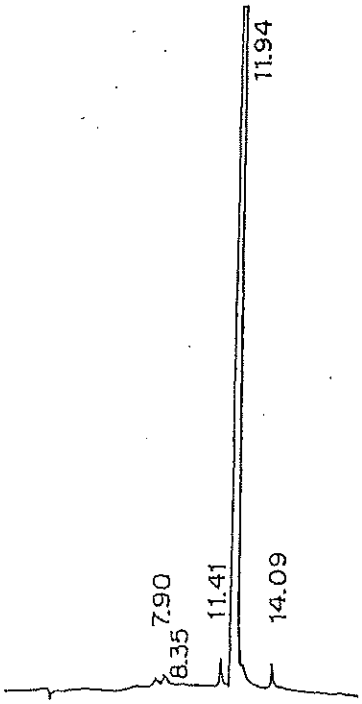


FIG. 3

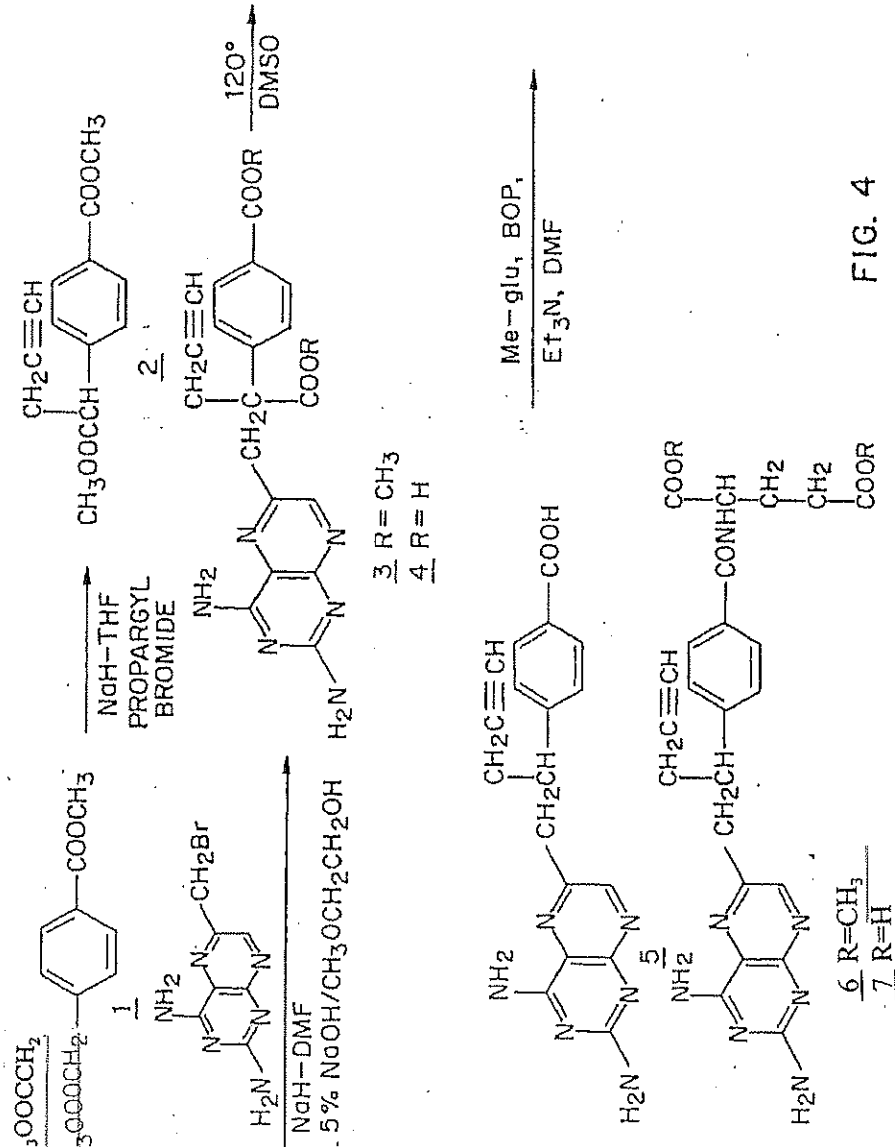

CH3OOCCH2
CH3OOCCH2
COOCH3
1
NaH–THF
PROPARGYL
BROMIDE
CH2C≡CH
CH3OOCCH
COOCH3
2
CH2Br
NH2
H2N
1.
NaH–DMF
2. 5% NaOH/CH3OCH2CH2OH
CH2C≡CH
CH2C
COOR
COOR
120°
DMSO
3 R = CH3
4 R = H
Me–glu, BOP,
Et3N, DMF
CH2C≡CH
CH2CH
COOH
5
CONHCH
CH2
CH2
6 R=CH3
7 R=H

FIG. 4