

FIGURE 1

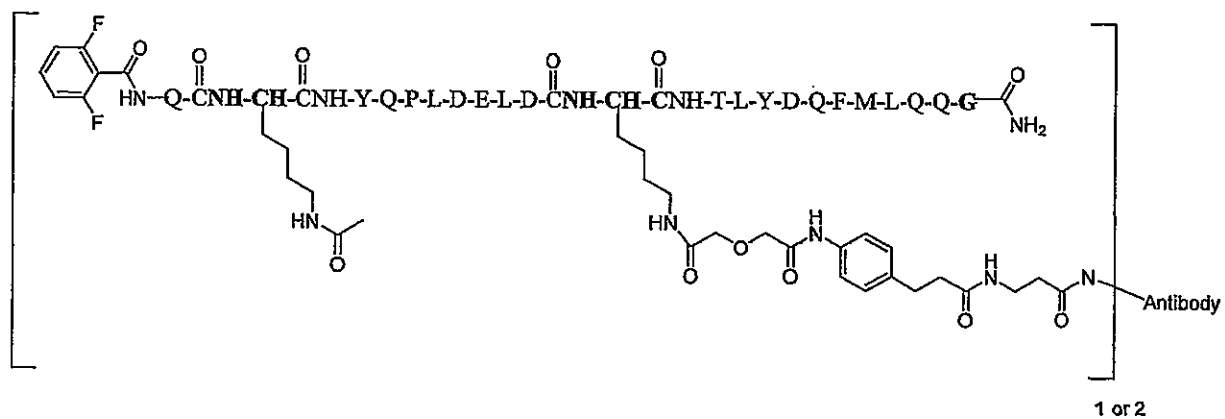


FIGURE 2

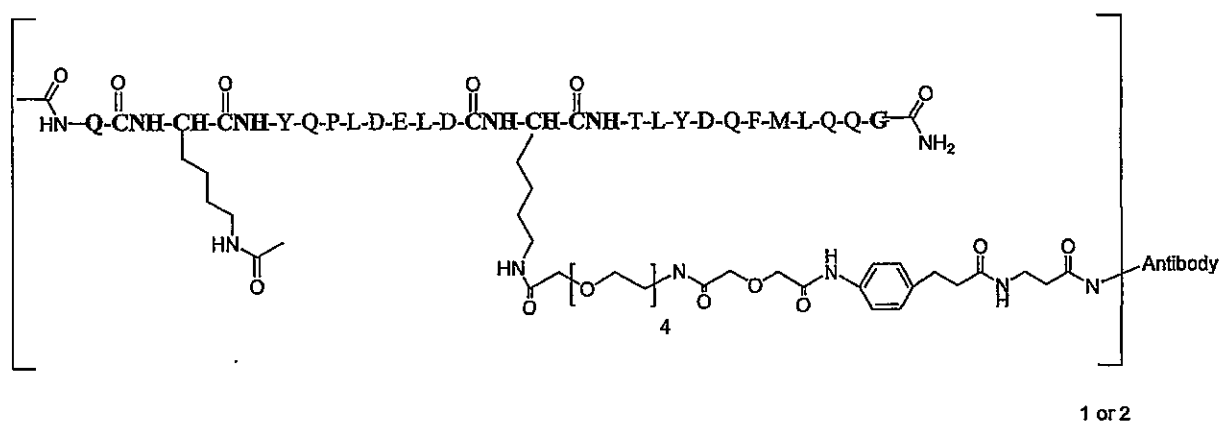


FIGURE 3

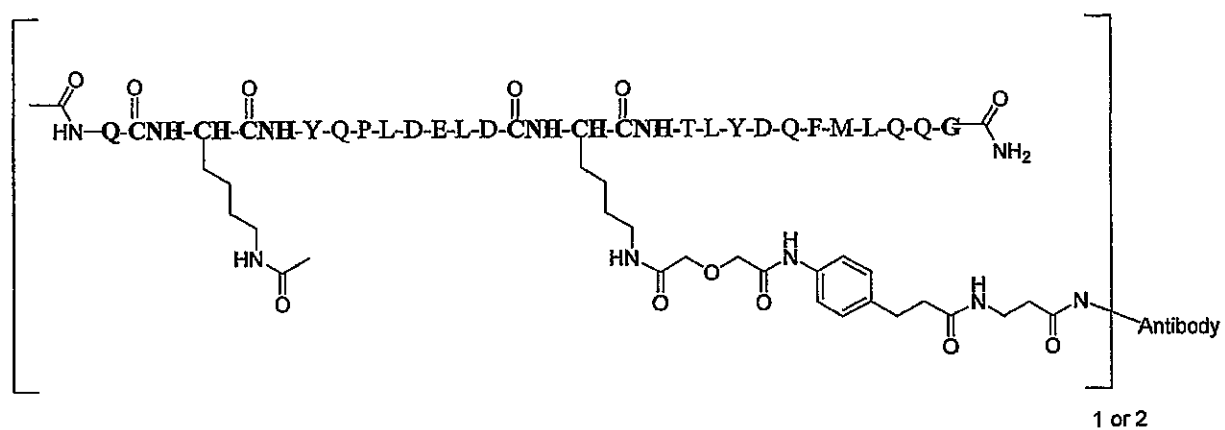


FIGURE 4A

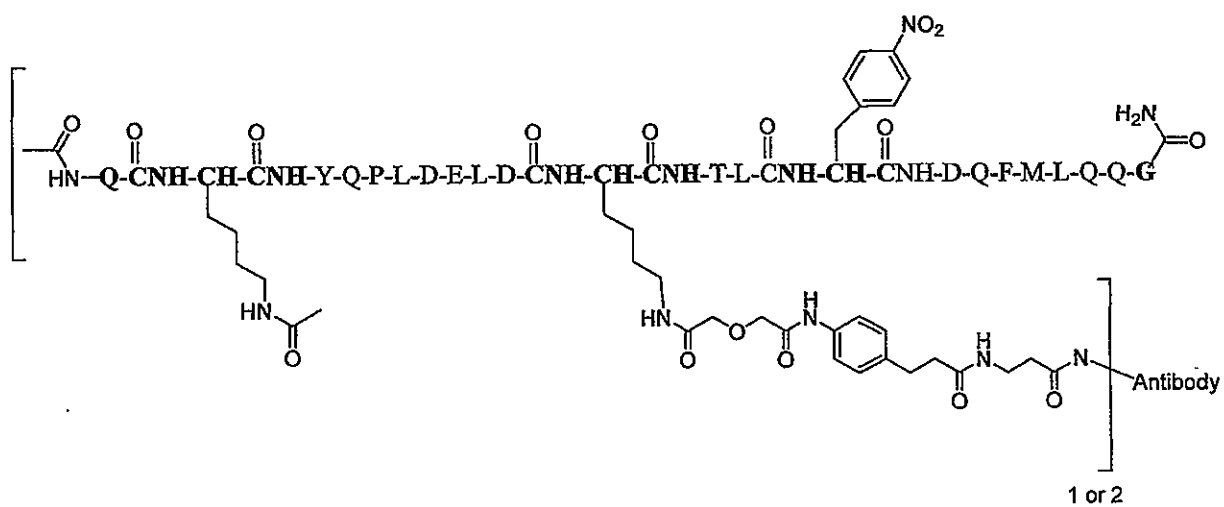
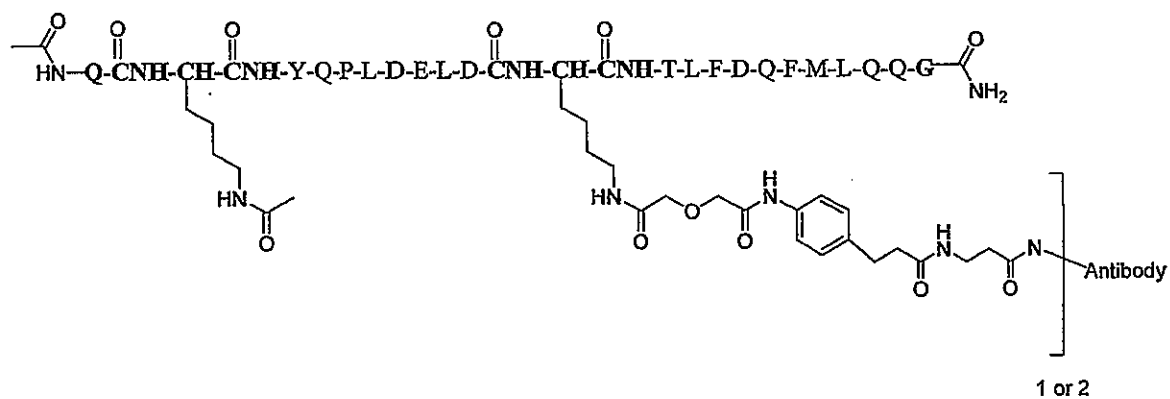


FIGURE 4B



[illegible][illegible]

FIGURE 6A

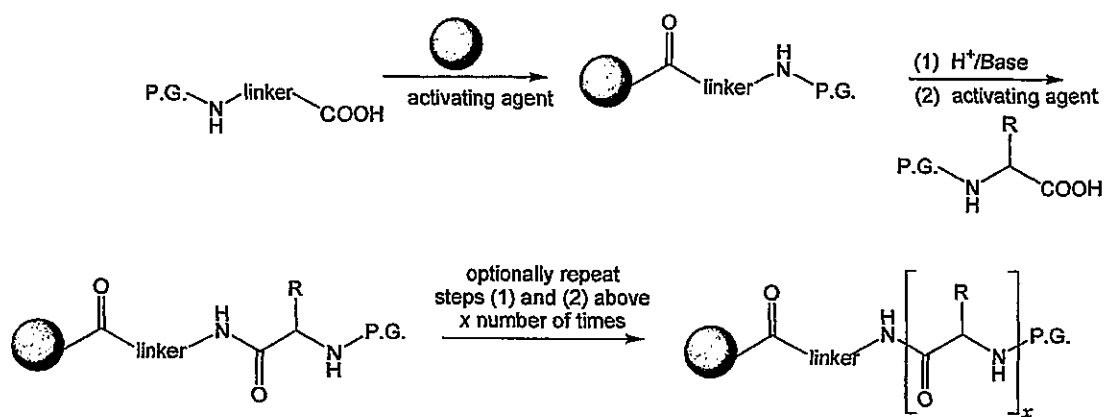


FIGURE 6B

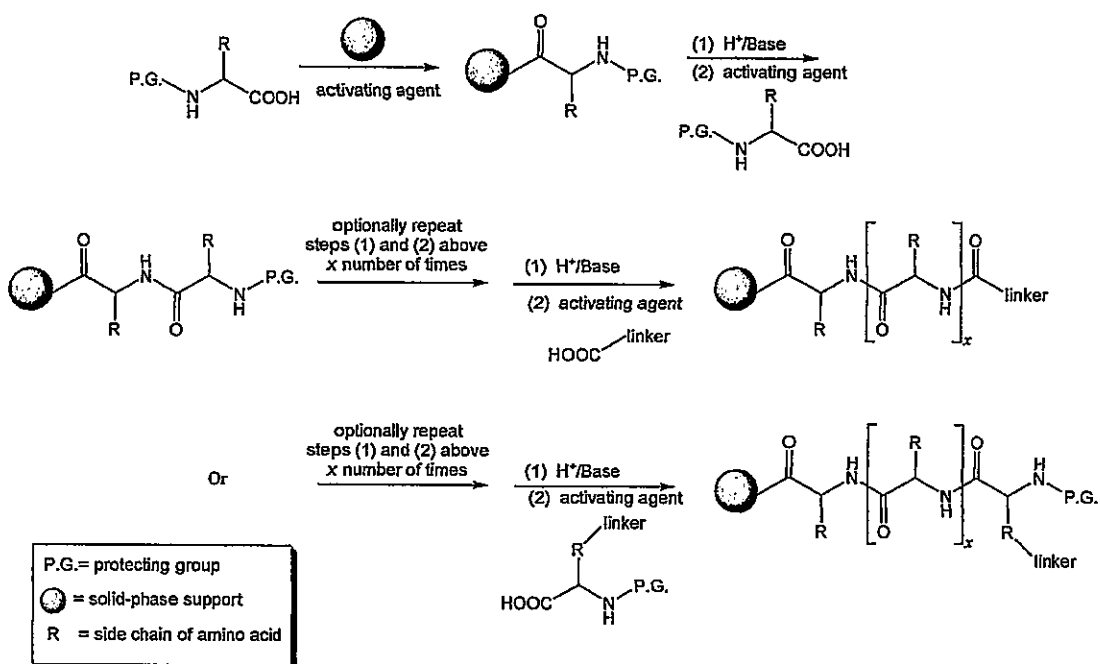


FIGURE 7A

[illegible]

FIGURE 7B

Light Chain (219 amino acids):

ELQMTQSPSSLSASVGDRVTITCRSSQSLHTYGSPYLNWYLQKPGQSPKLLIYKVSNRFSGV
PSRFSGSGSGTDFTLTISLQPEDFAVYFCSQGTHLPYTFGGGTKVEIKRTVAAPSVFIFPPSDE
QLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSTYSLSSLTLSKA
DYEKHKVYACEVTHQGLSSPVTKSFNRGEC

Heavy chain (448 amino acids):

EVQLVESGGGLVQPGGSLRLSCAASGFTFSNYWMSWVRQSPEKGLEWVSEIRLRSDNYATH
YAESVKGRFTISRDNSKNTLYLQMNSLRAEDTGIYYCKTYFYFSYWGQGTLLTVSSASTKG
PSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSV
VTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPK
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL
HQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKG
FYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPGK

FIGURE 8

Linker Reactive Groups

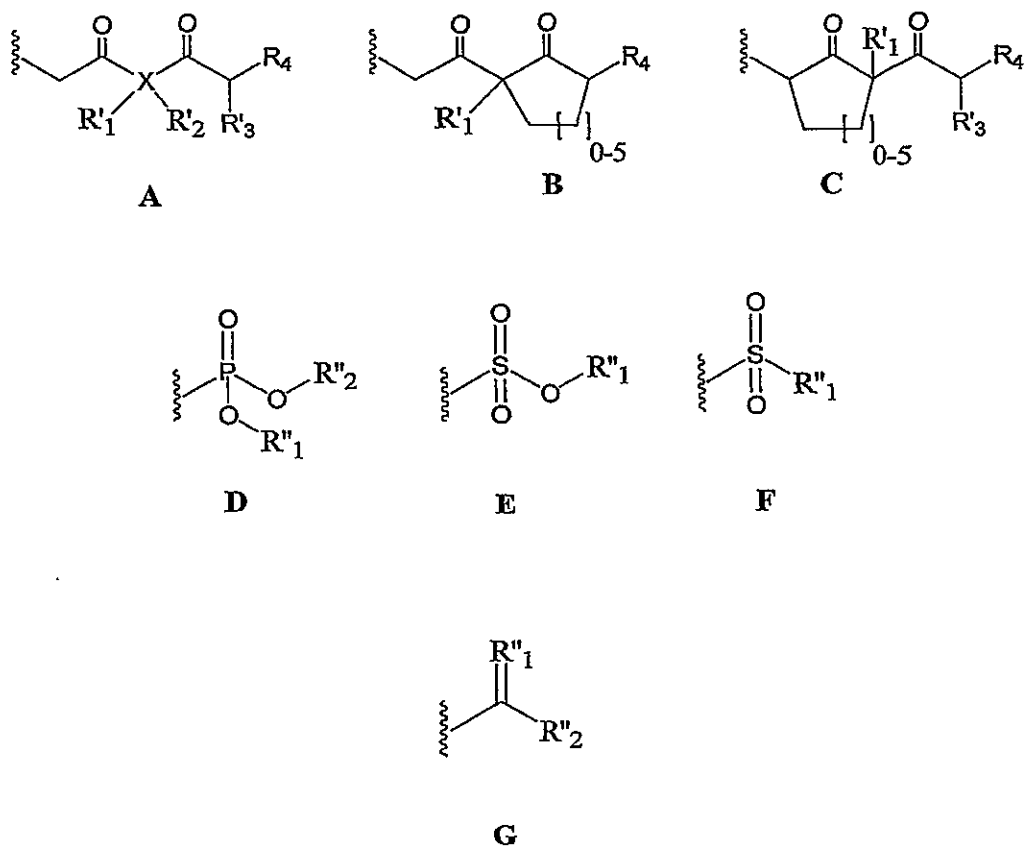


FIGURE 9

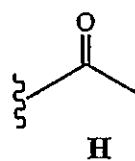
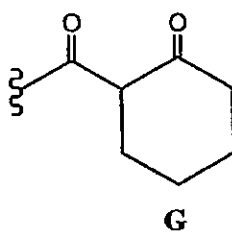
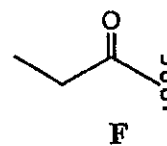
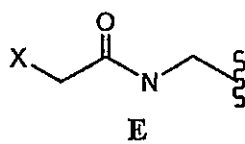
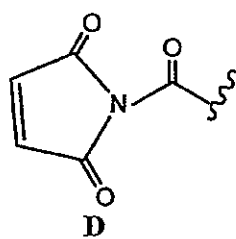
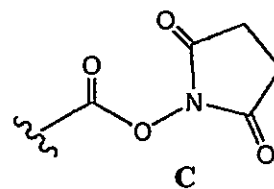
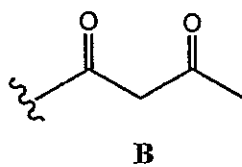
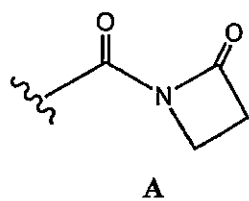


FIGURE 10

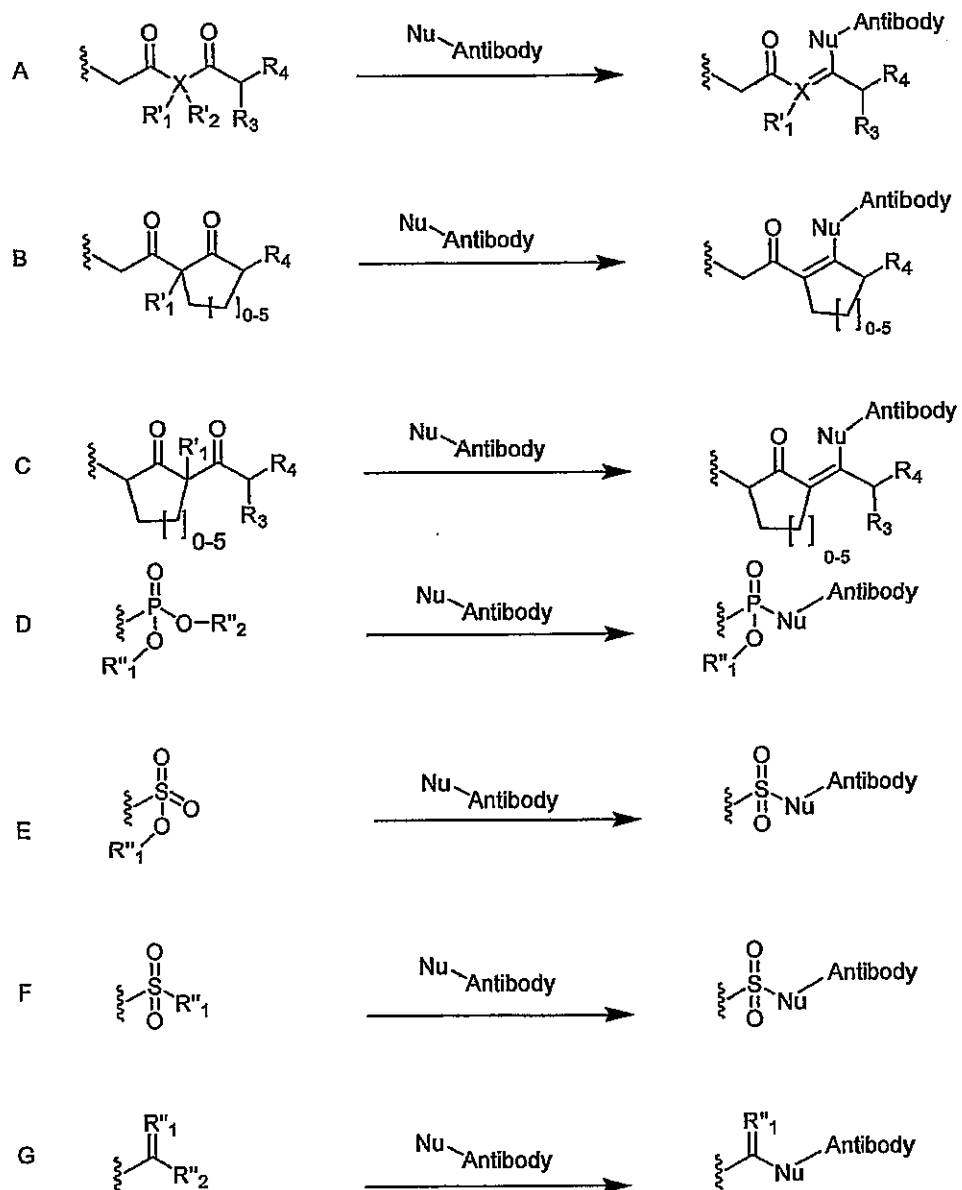


FIGURE 11

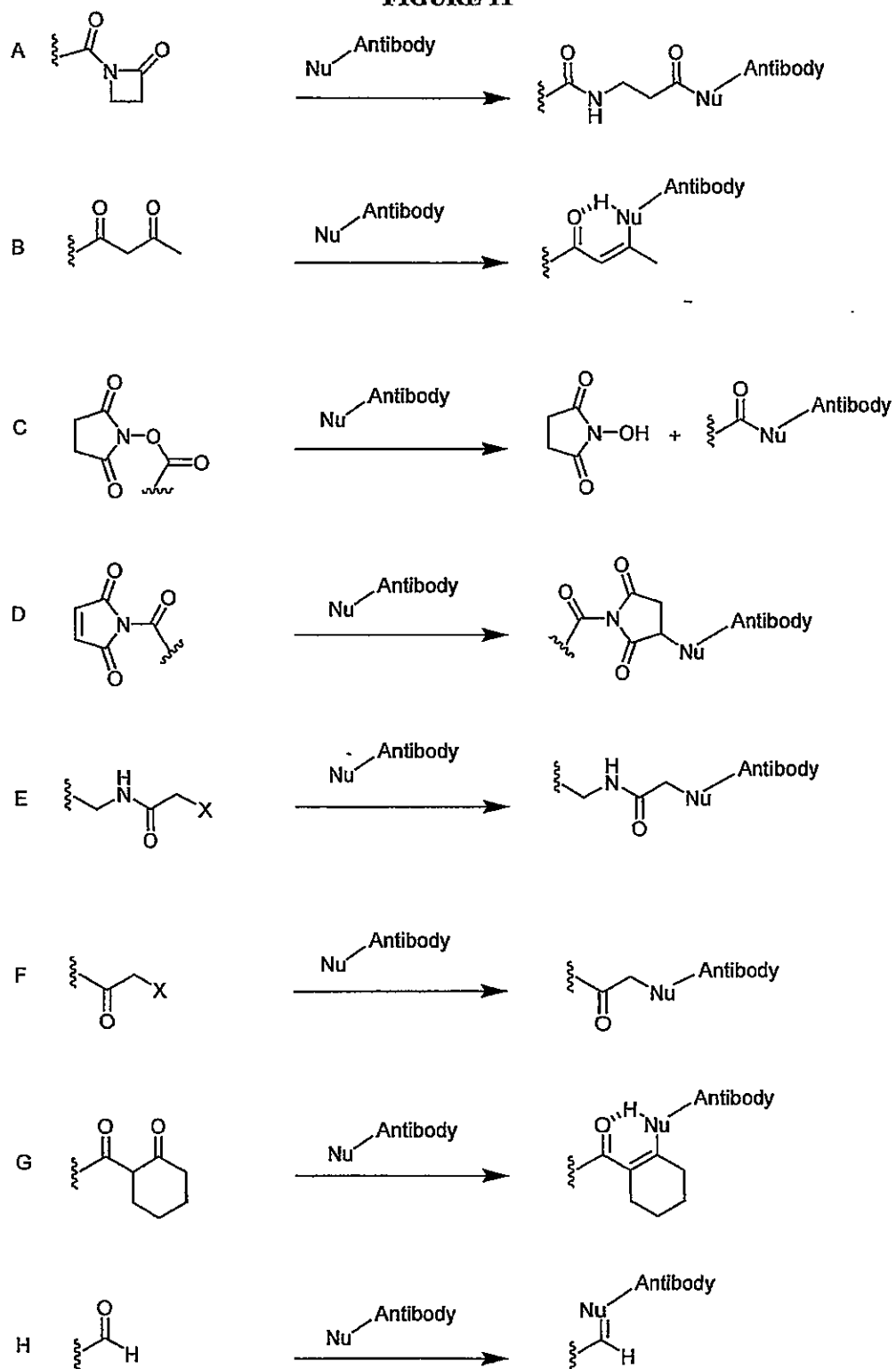


FIGURE 13

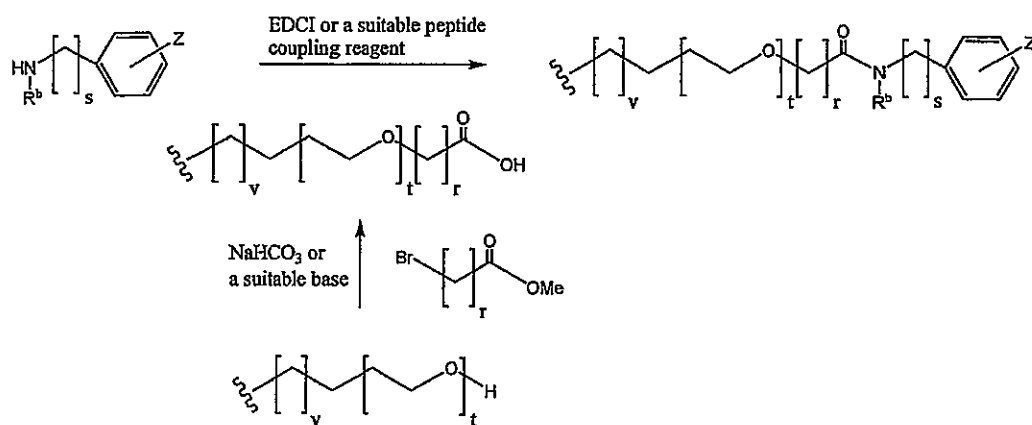


FIGURE 14

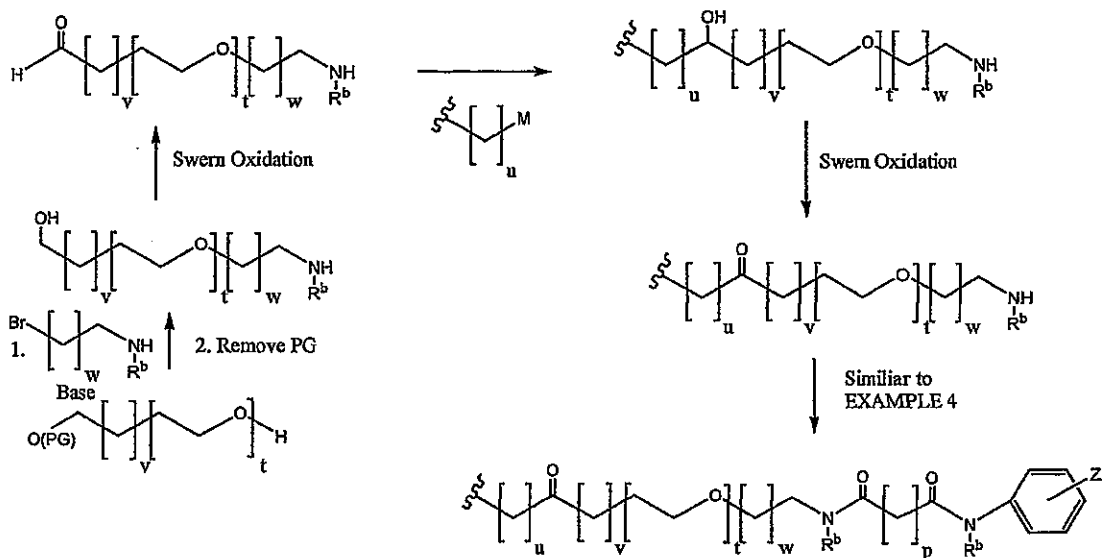


FIGURE 15

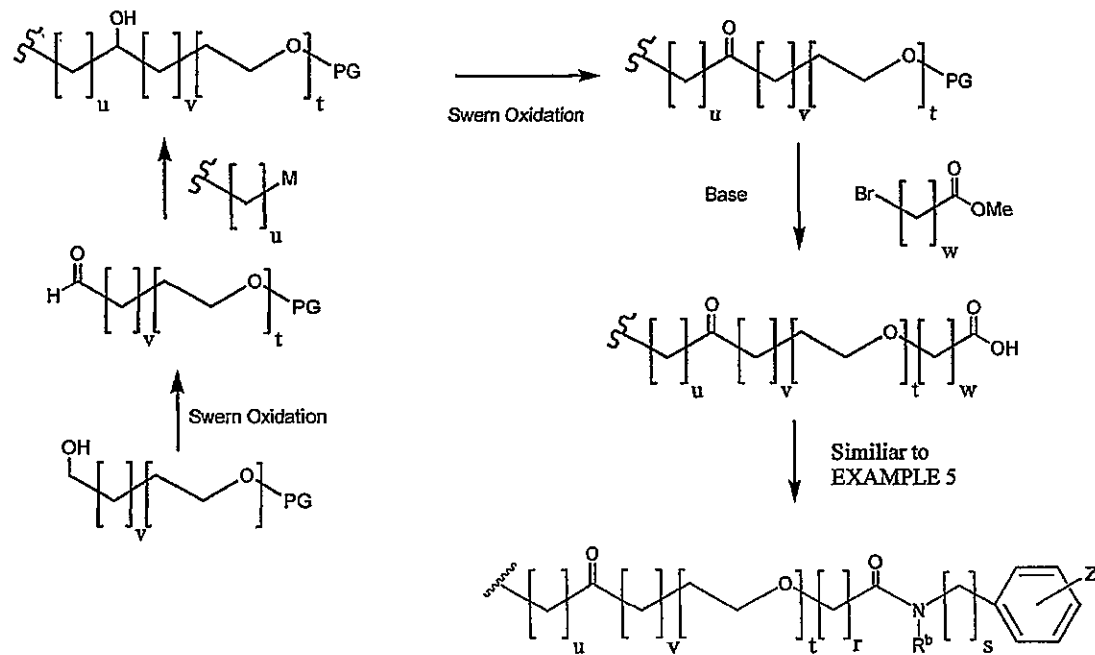


FIGURE 16

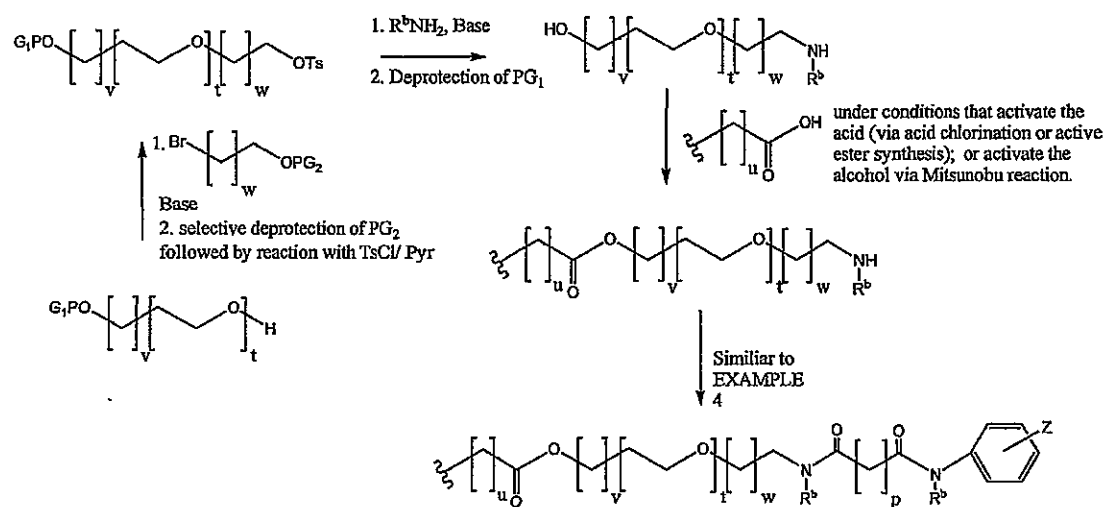


FIGURE 17

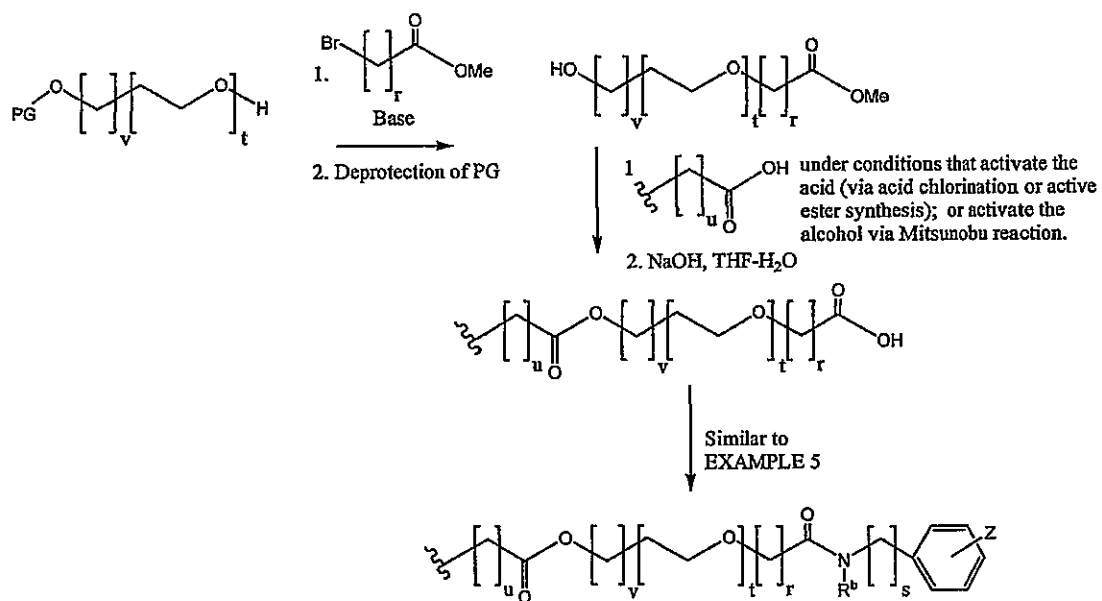


FIGURE 18

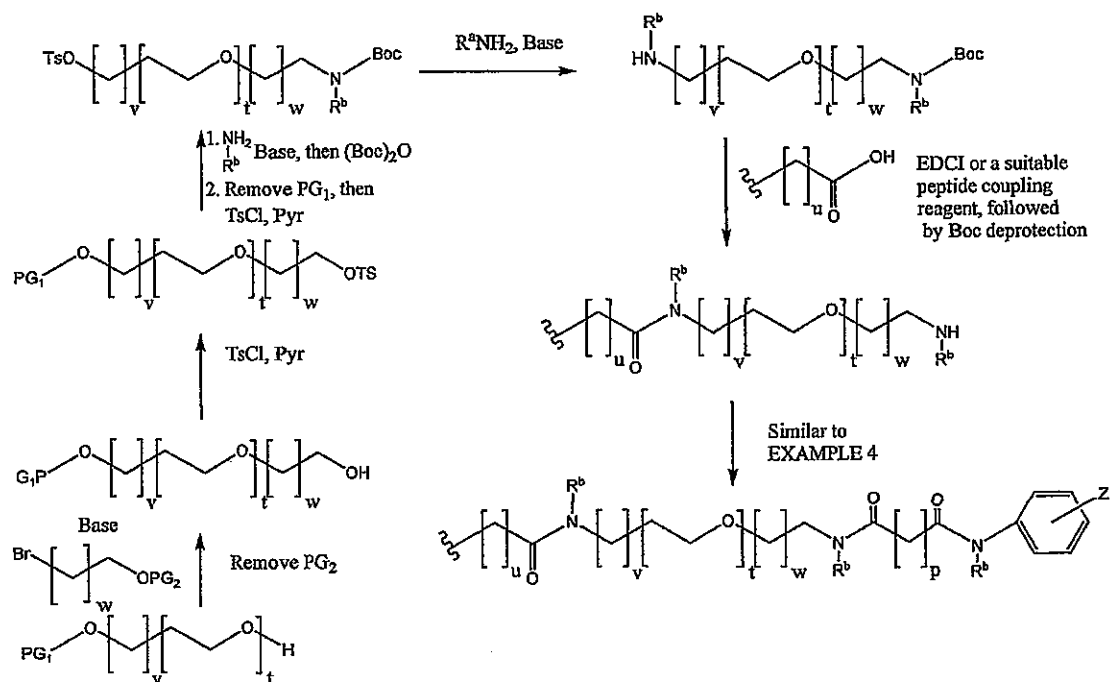


FIGURE 20

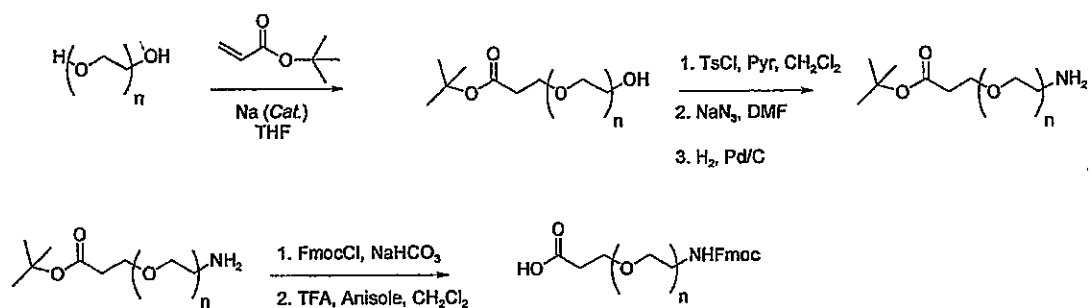


FIGURE 21

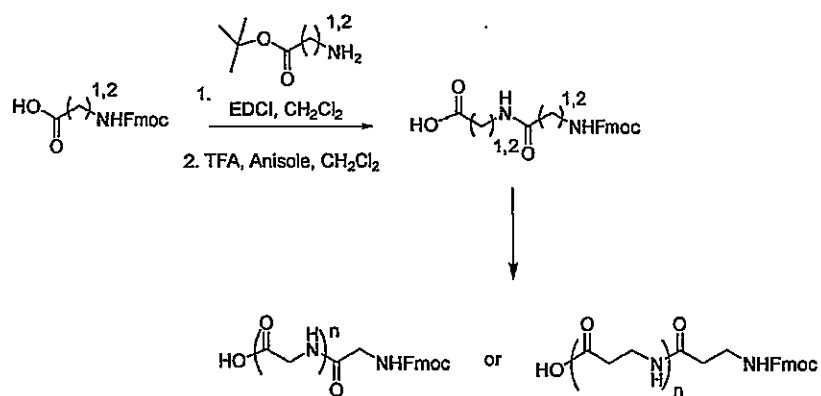


FIGURE 22

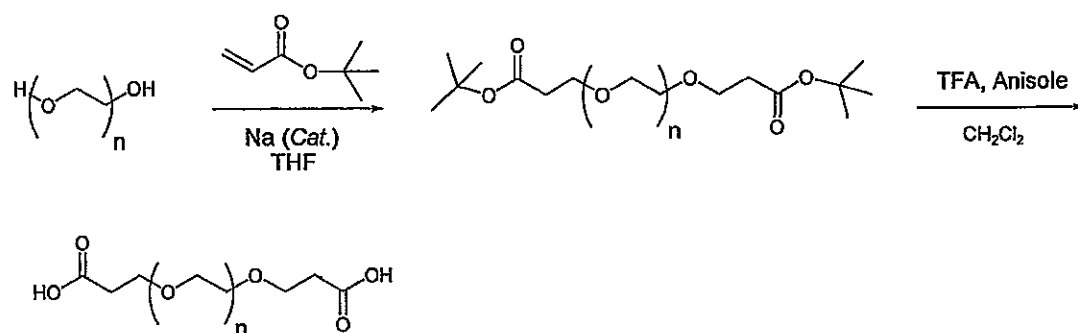


FIGURE 23

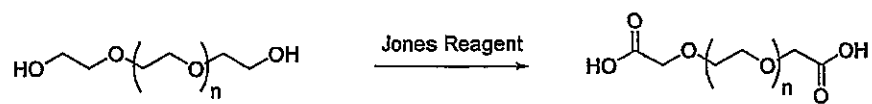


FIGURE 24

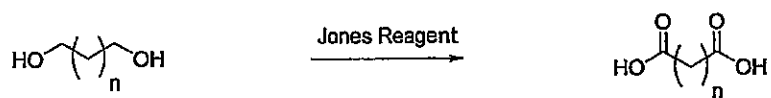


FIGURE 25

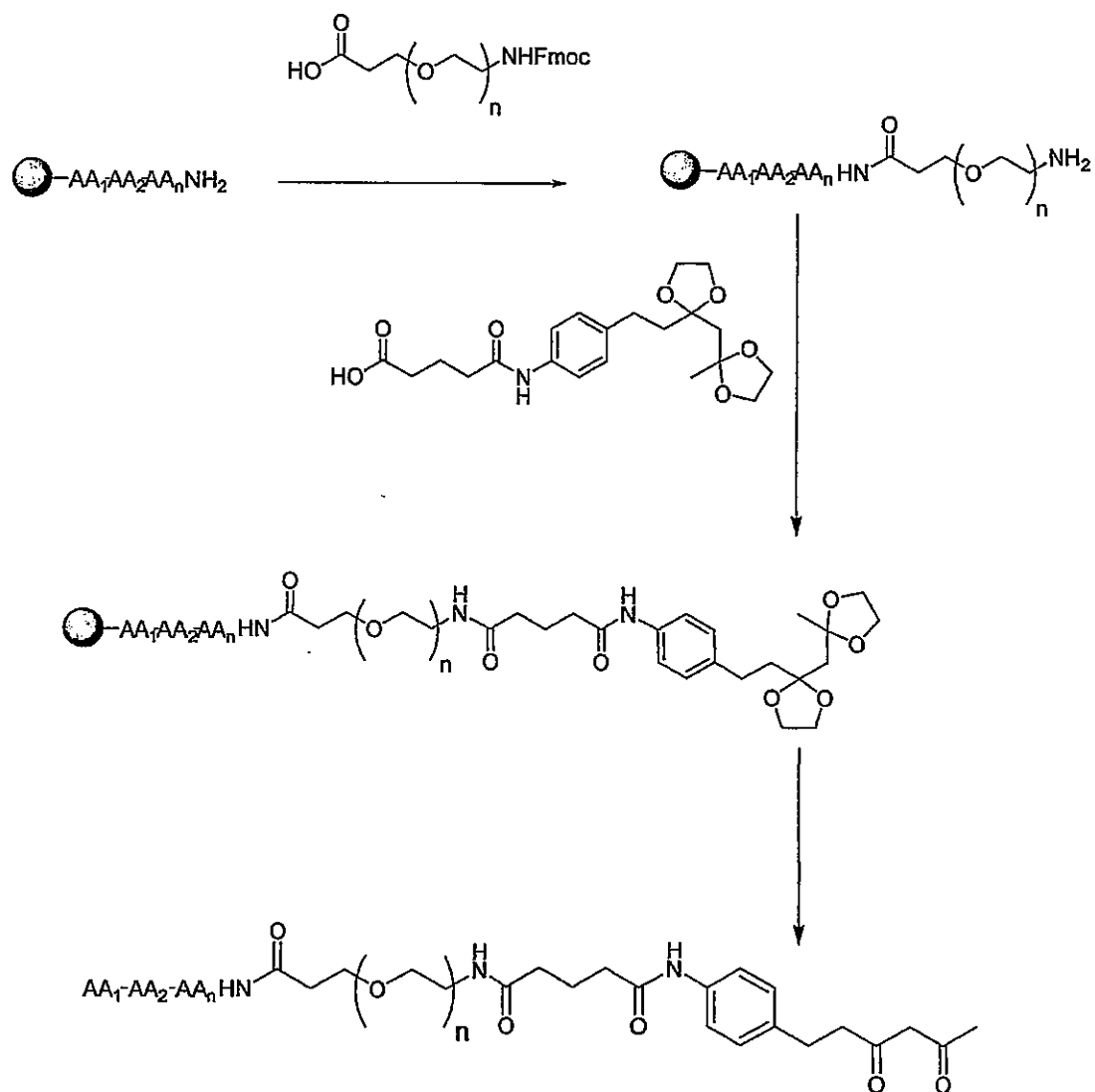


FIGURE 27

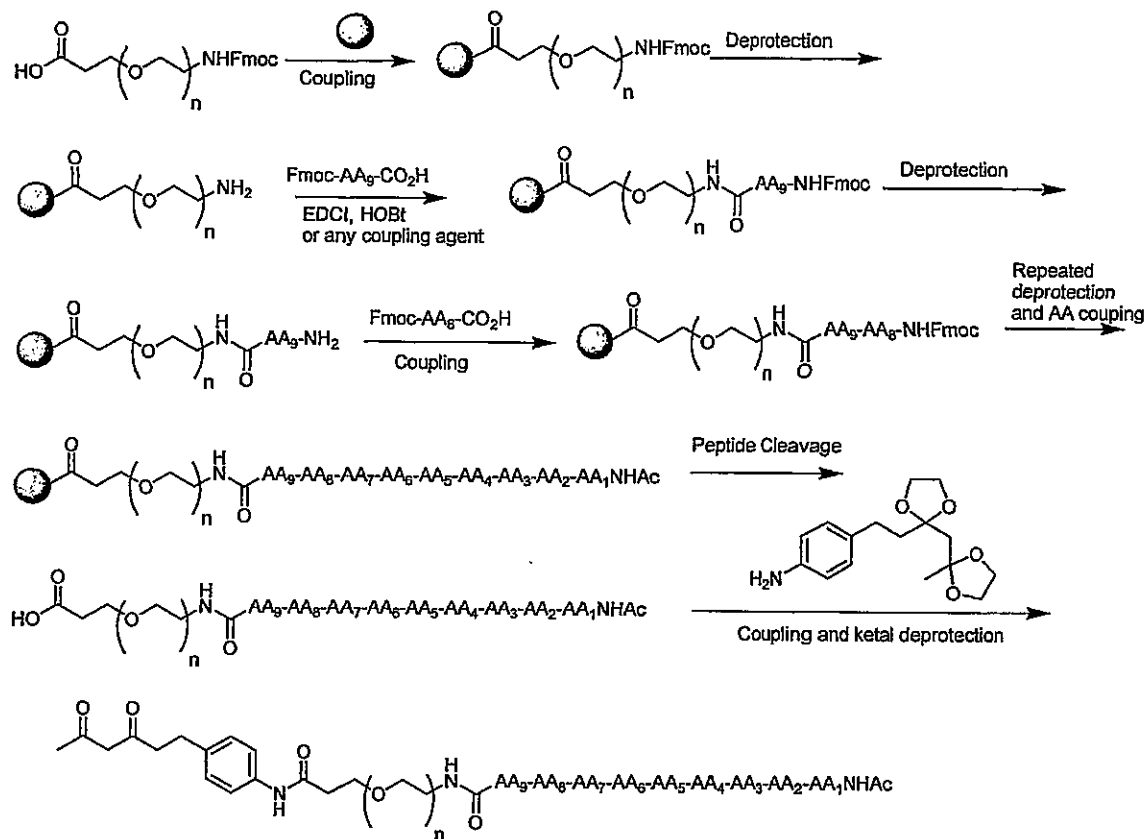


FIGURE 28

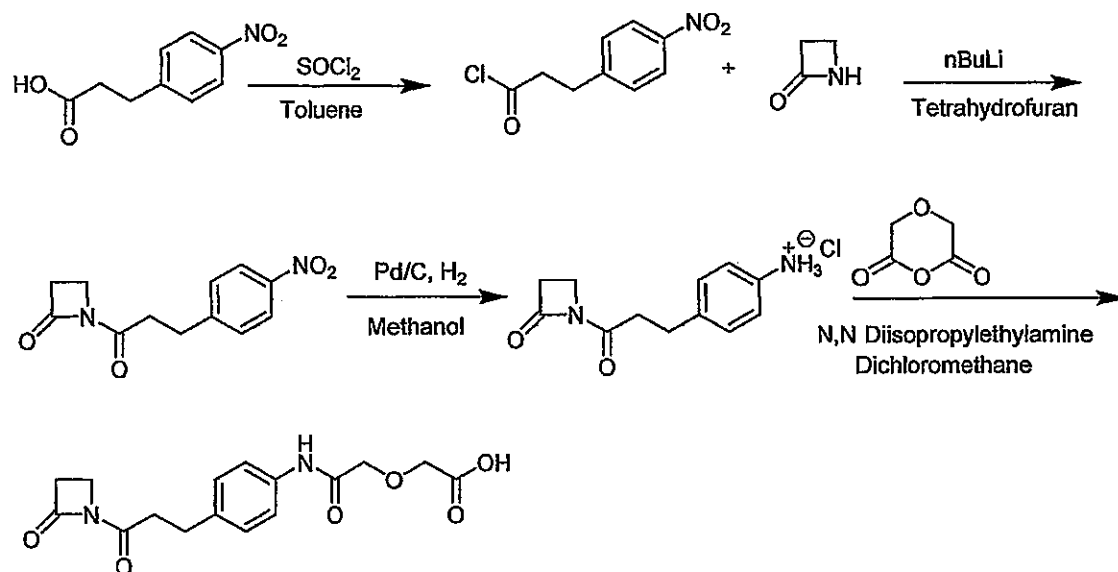


FIGURE 29

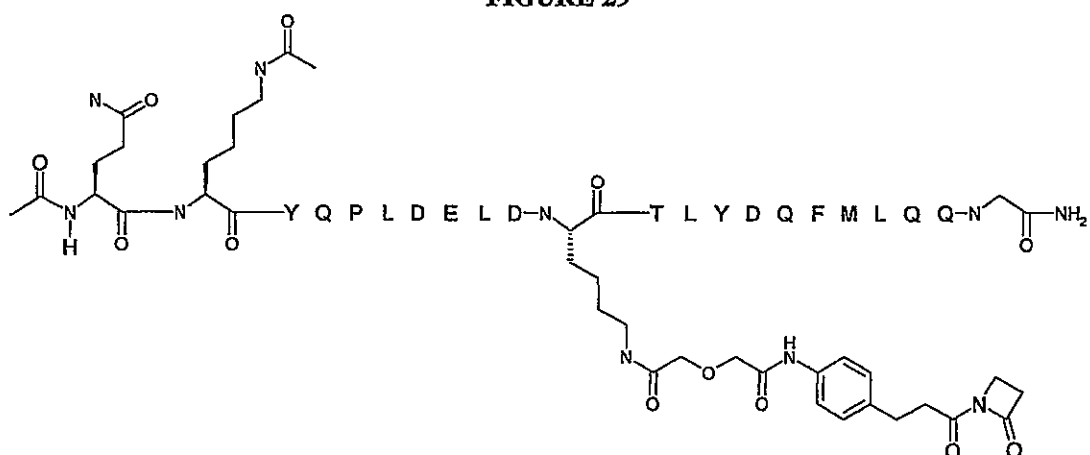


FIGURE 30

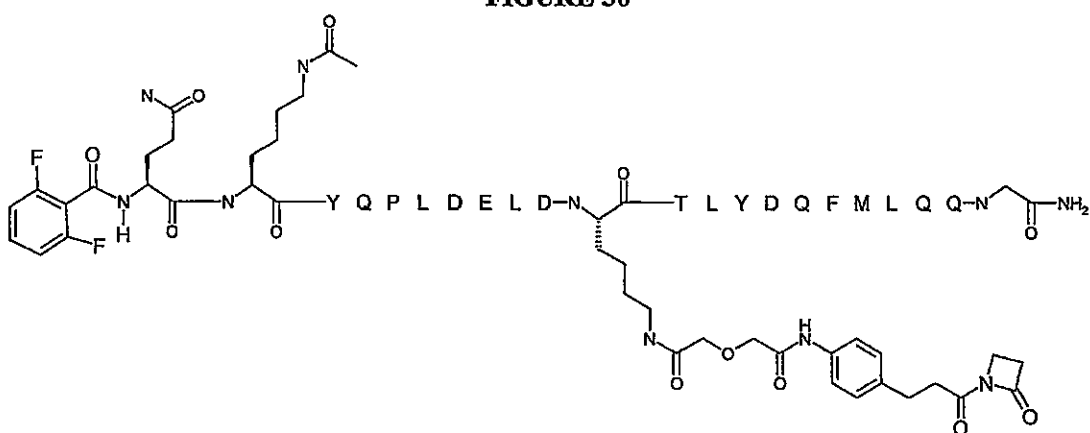


FIGURE 31

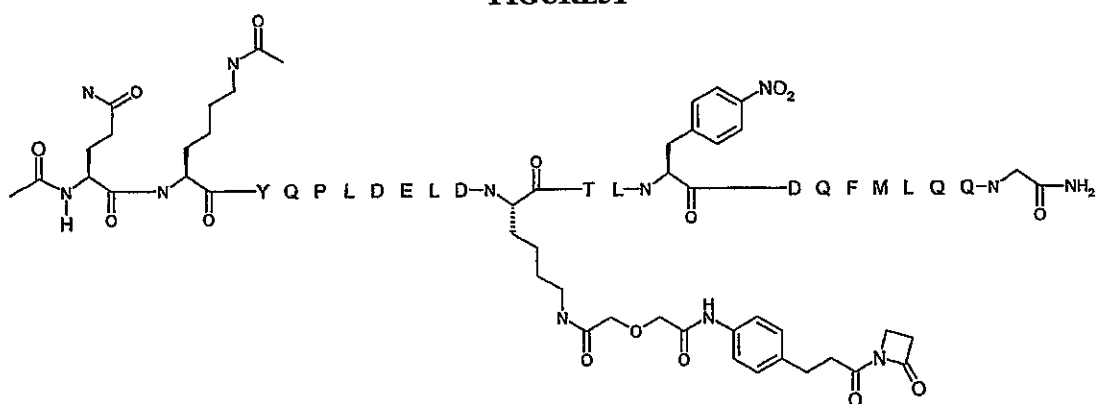


FIGURE 32

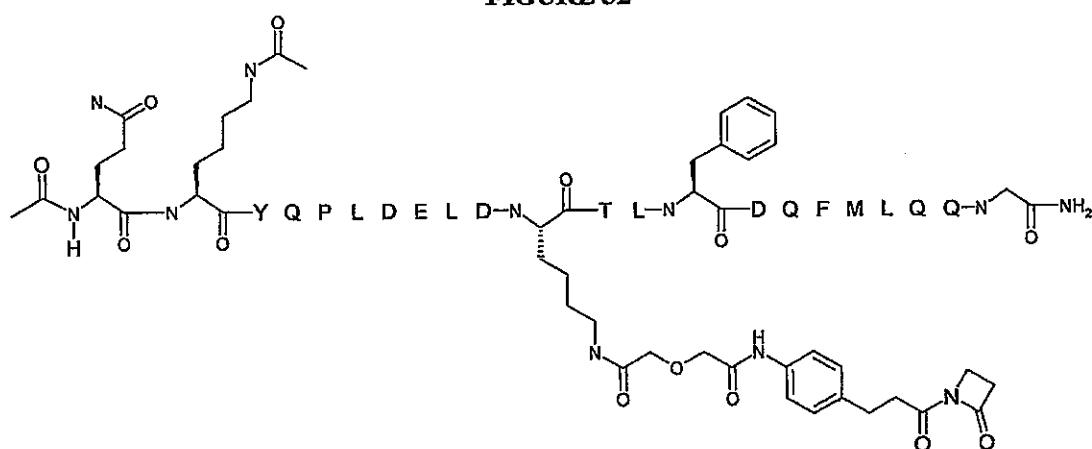


Figure 35

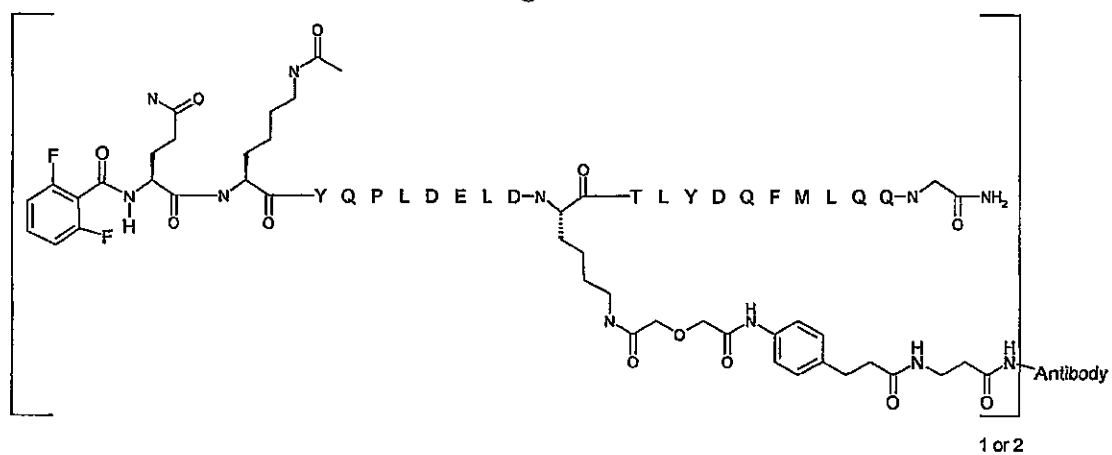


Figure 36

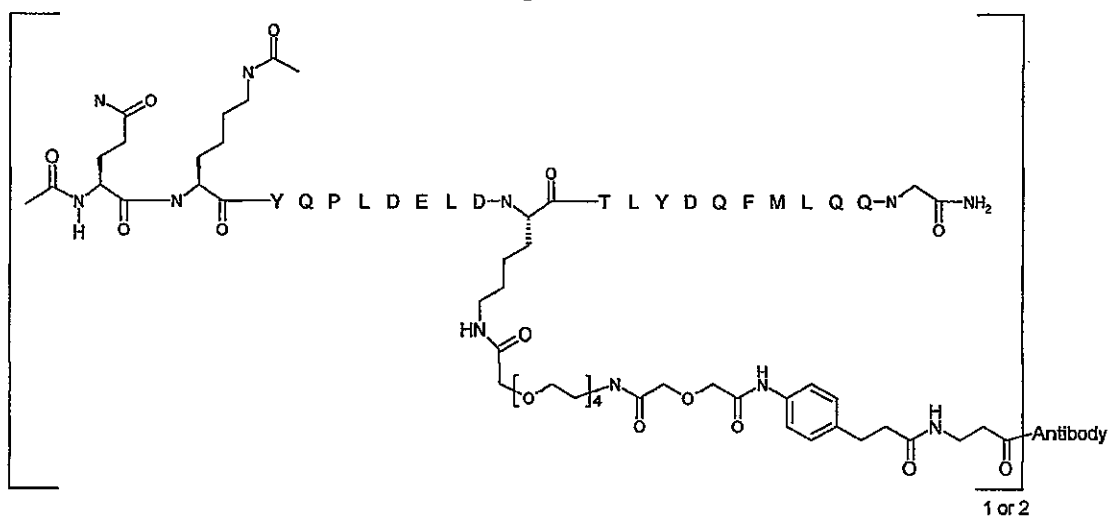


Figure 37

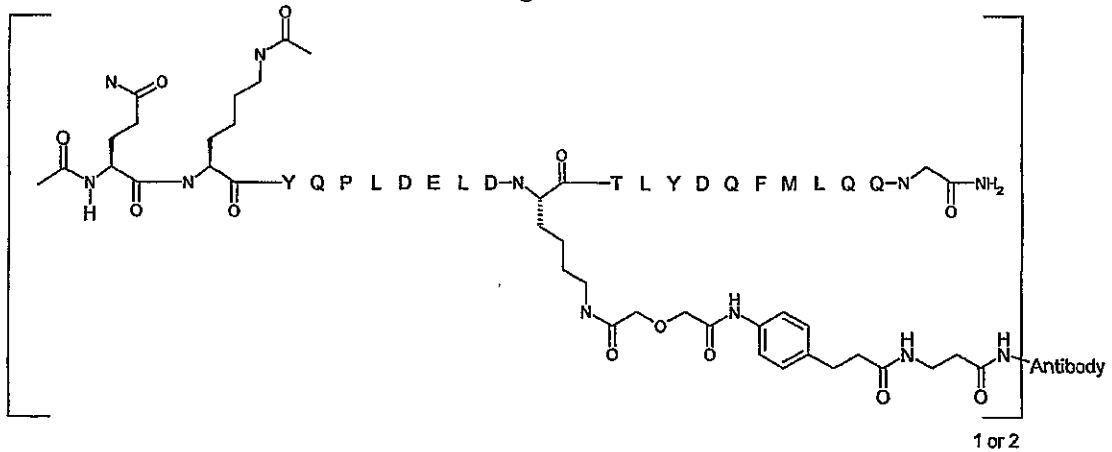


Figure 38

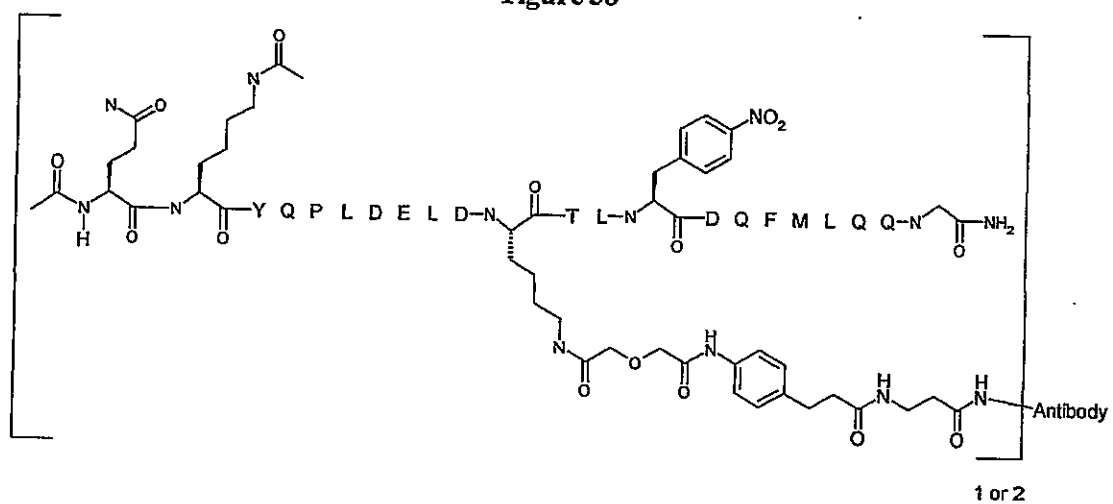


Figure 39

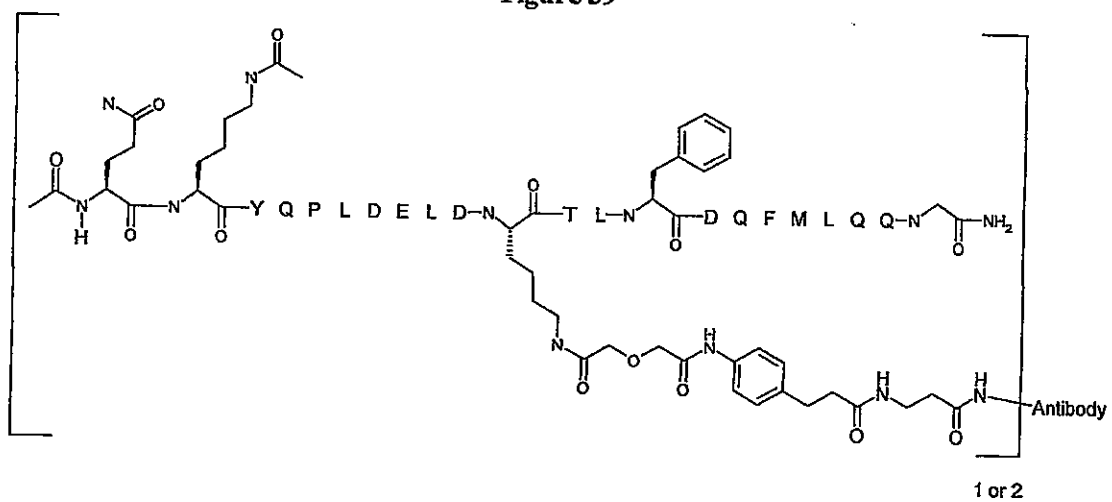


Figure 40

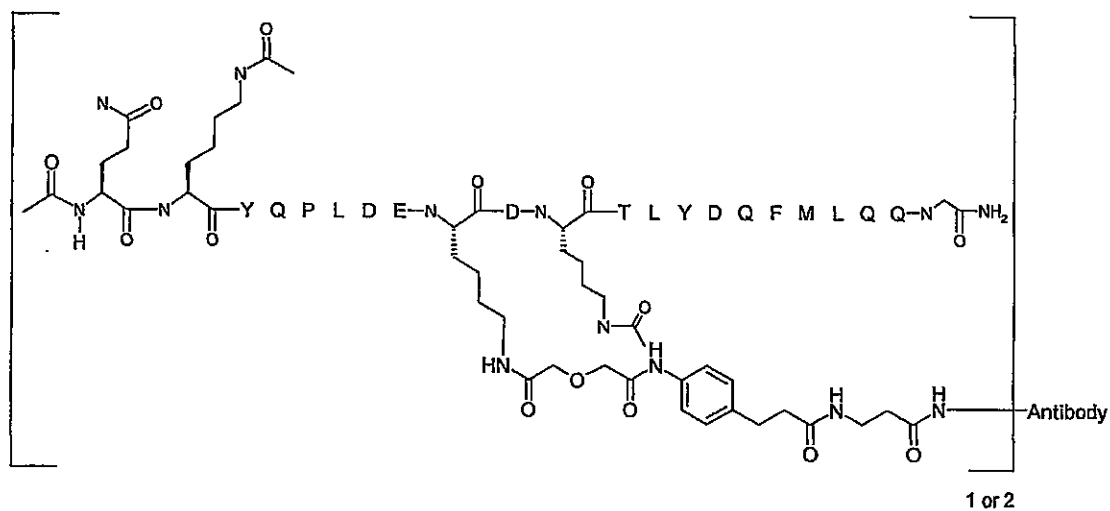


Figure 41

