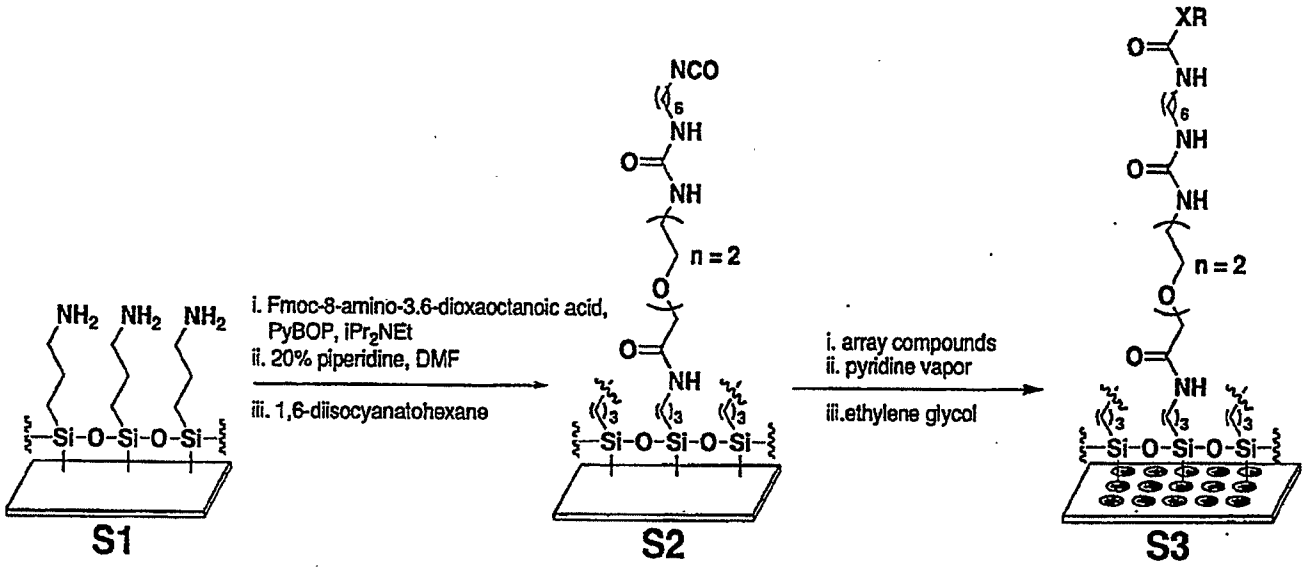

NH2 NH2 NH2
Si-O-Si-O-Si
S1
i. Fmoc-8-amino-3.6-dioxaoctanoic acid,
PyBOP, iPr2NEt
ii. 20% piperidine, DMF
iii. 1,6-diisocyanatohexane
NCO
NH
n = 2
S2
i. array compounds
ii. pyridine vapor
iii.ethylene glycol
XR
S3

Figure 2

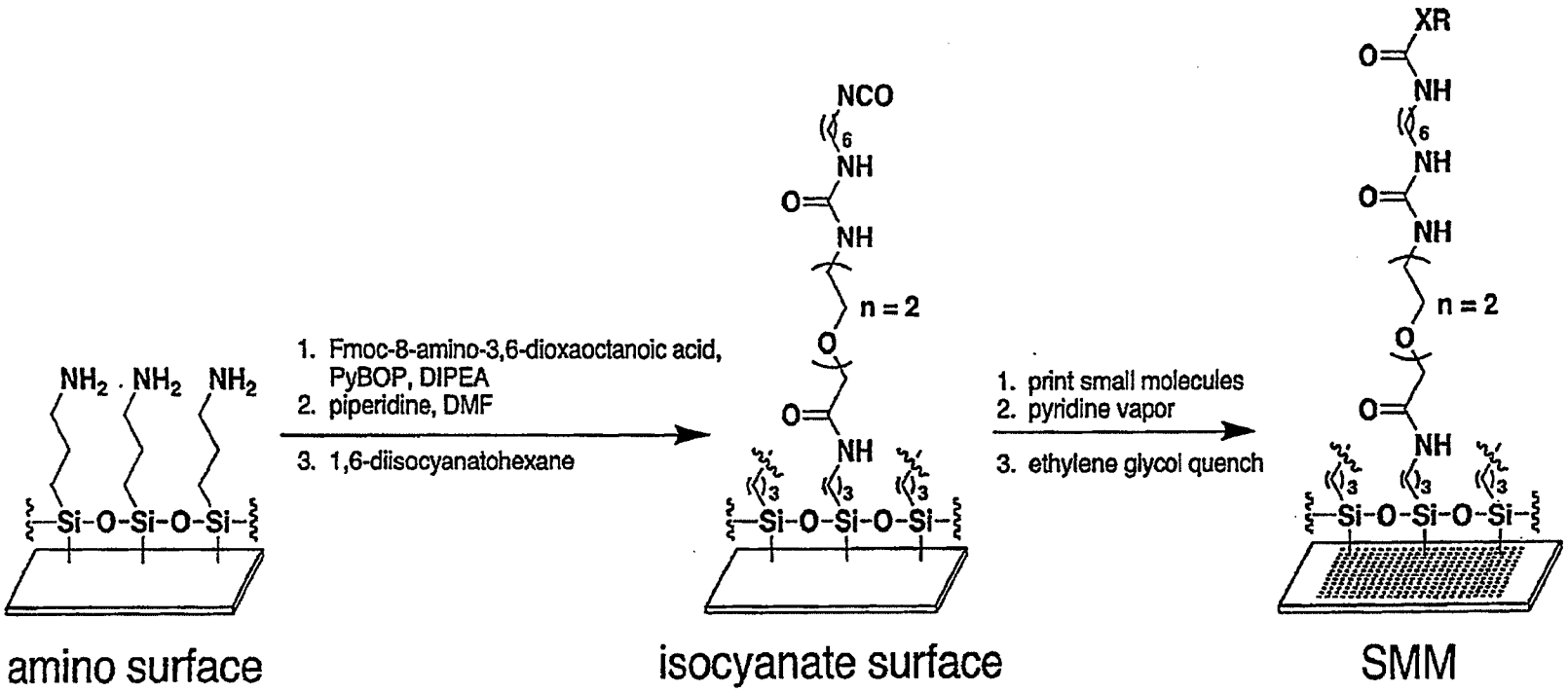
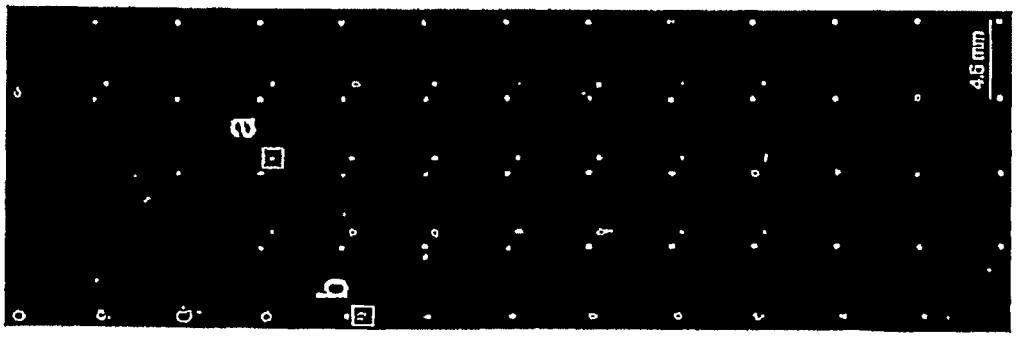
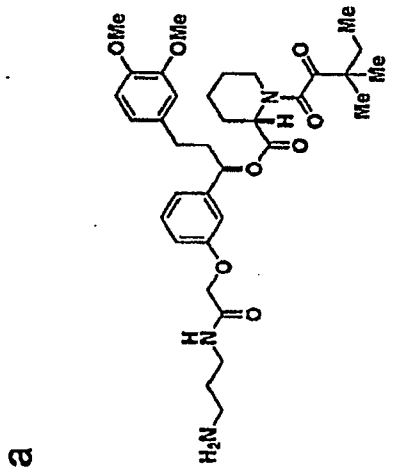
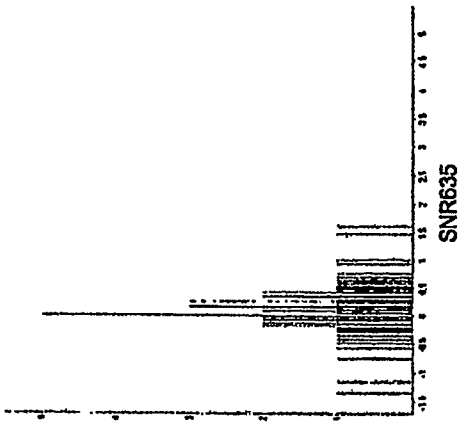

NH2 NH2 NH2
Si-O-Si-O-Si
1. Fmoc-8-amino-3,6-dioxaoctanoic acid, PyBOP, DIPEA
2. piperidine, DMF
3. 1,6-diisocyanatohexane
NCO
NH
n = 2
1. print small molecules
2. pyridine vapor
3. ethylene glycol quench
XR
amino surface
isocyanate surface
SMM

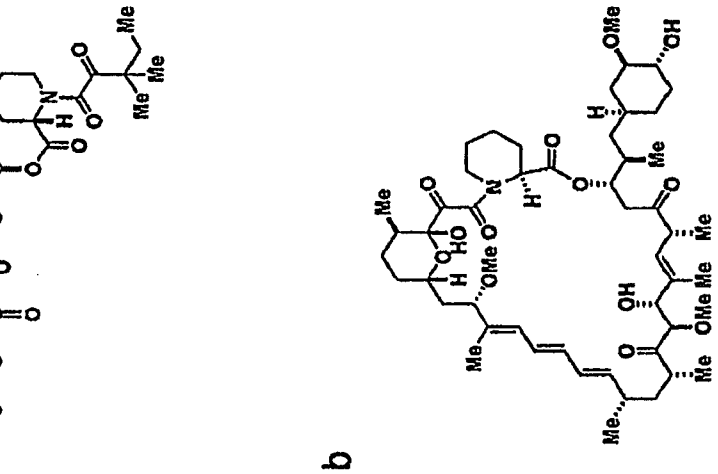
Figure 11

~~13/13~~









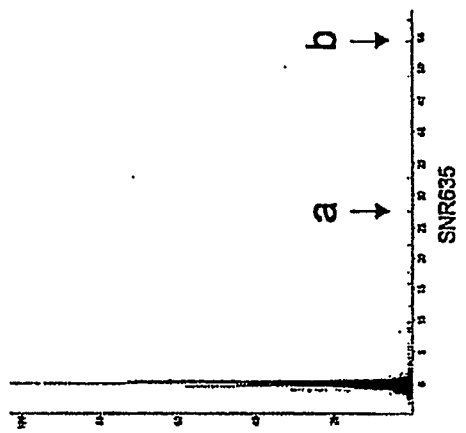


Figure 12