Figures

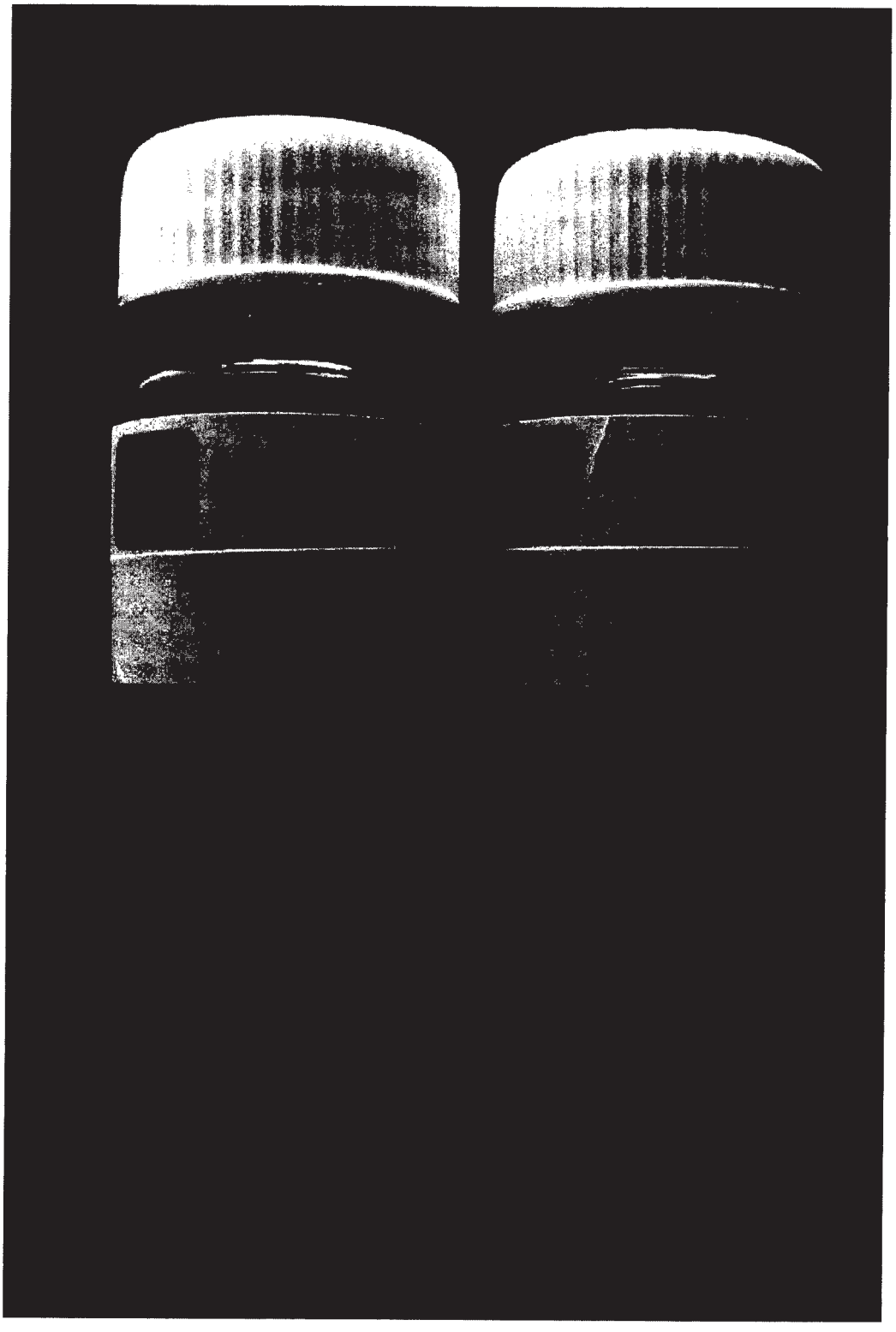


Figure 1

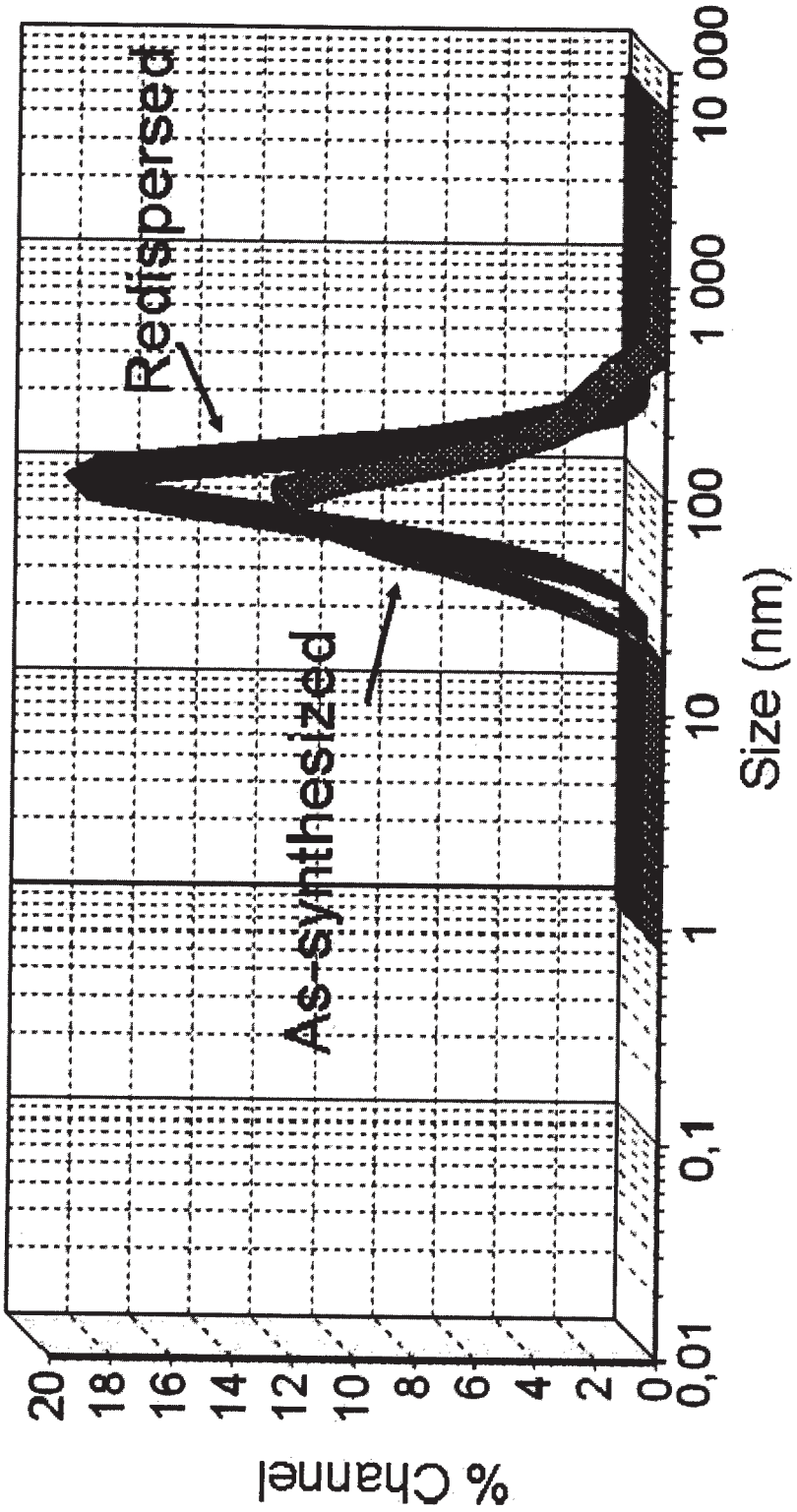

Redispersed
As-synthesized
% Channel
Size (nm)
20
18
16
14
12
10
8
6
4
2
0
0,01
0,1
1
10
100
1 000
10 000

Figure 2

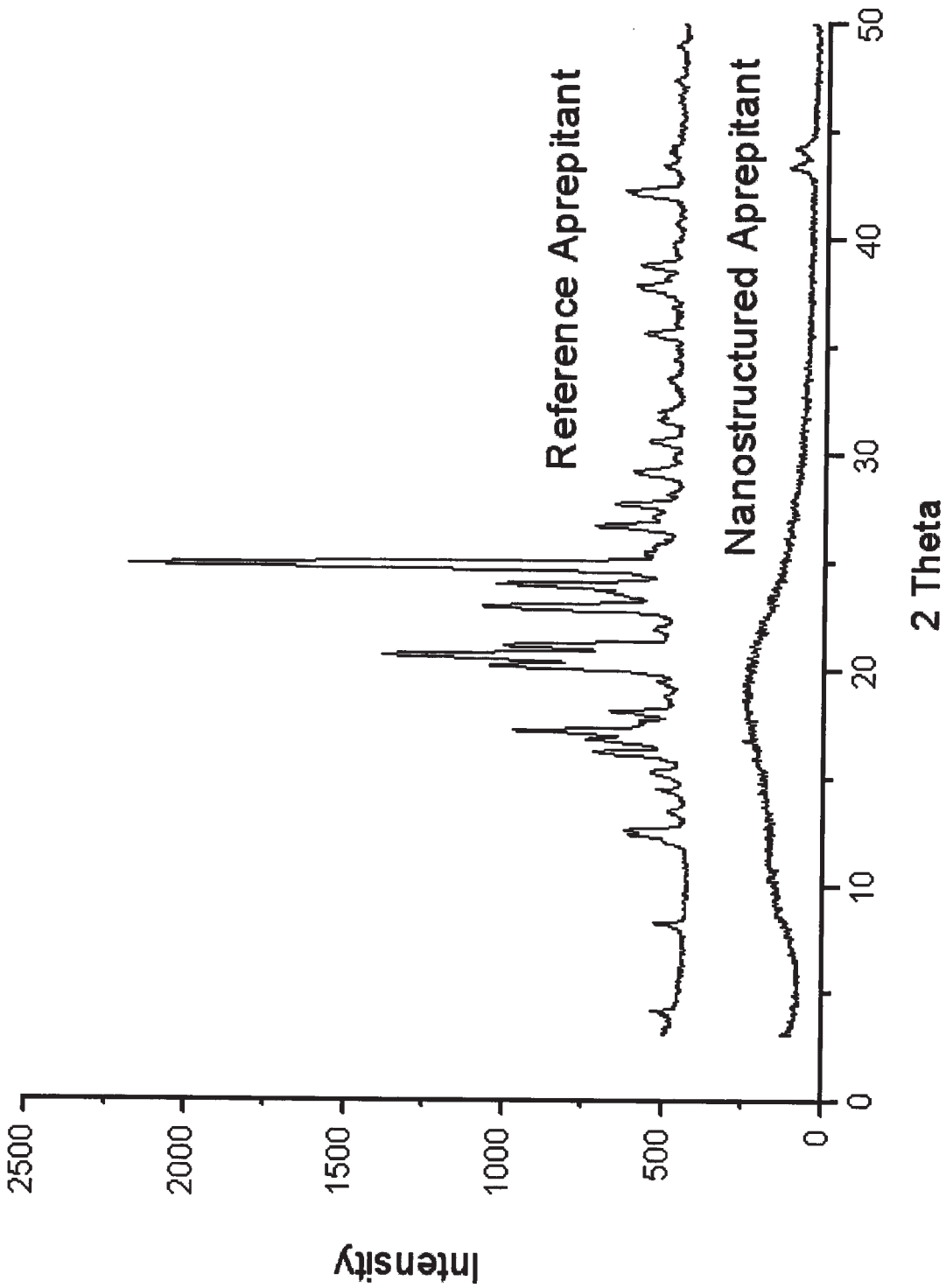

Reference Aprepitant
Nanostructured Aprepitant
Intensity
2 Theta
2500
2000
1500
1000
500
0
0
10
20
30
40
50

Figure 3

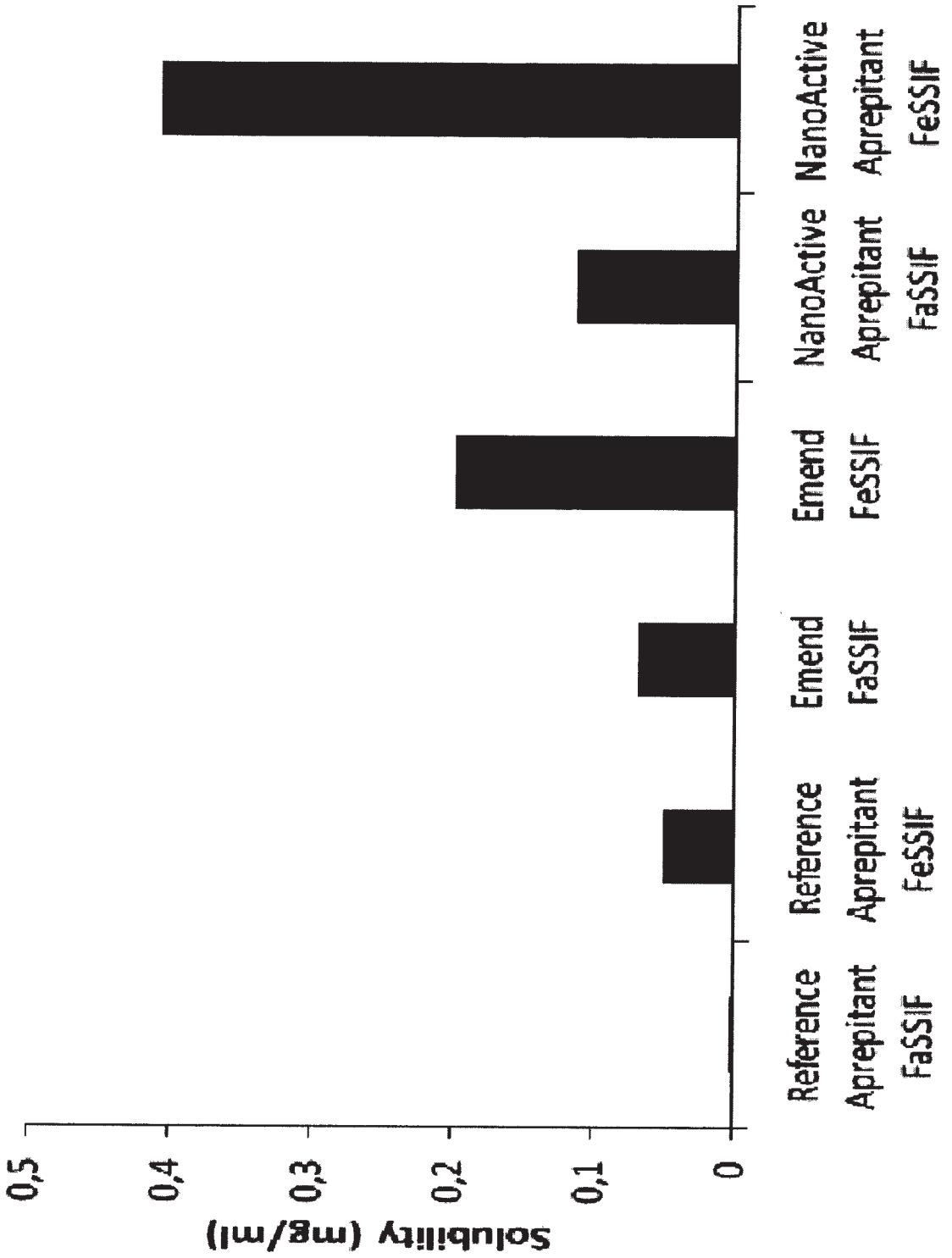

Solubility (mg/ml)
0,5
0,4
0,3
0,2
0,1
0
Reference Aprepitant FaSSIF
Reference Aprepitant FeSSIF
Emend FaSSIF
Emend FeSSIF
NanoActive Aprepitant FaSSIF
NanoActive Aprepitant FeSSIF

Figure 4

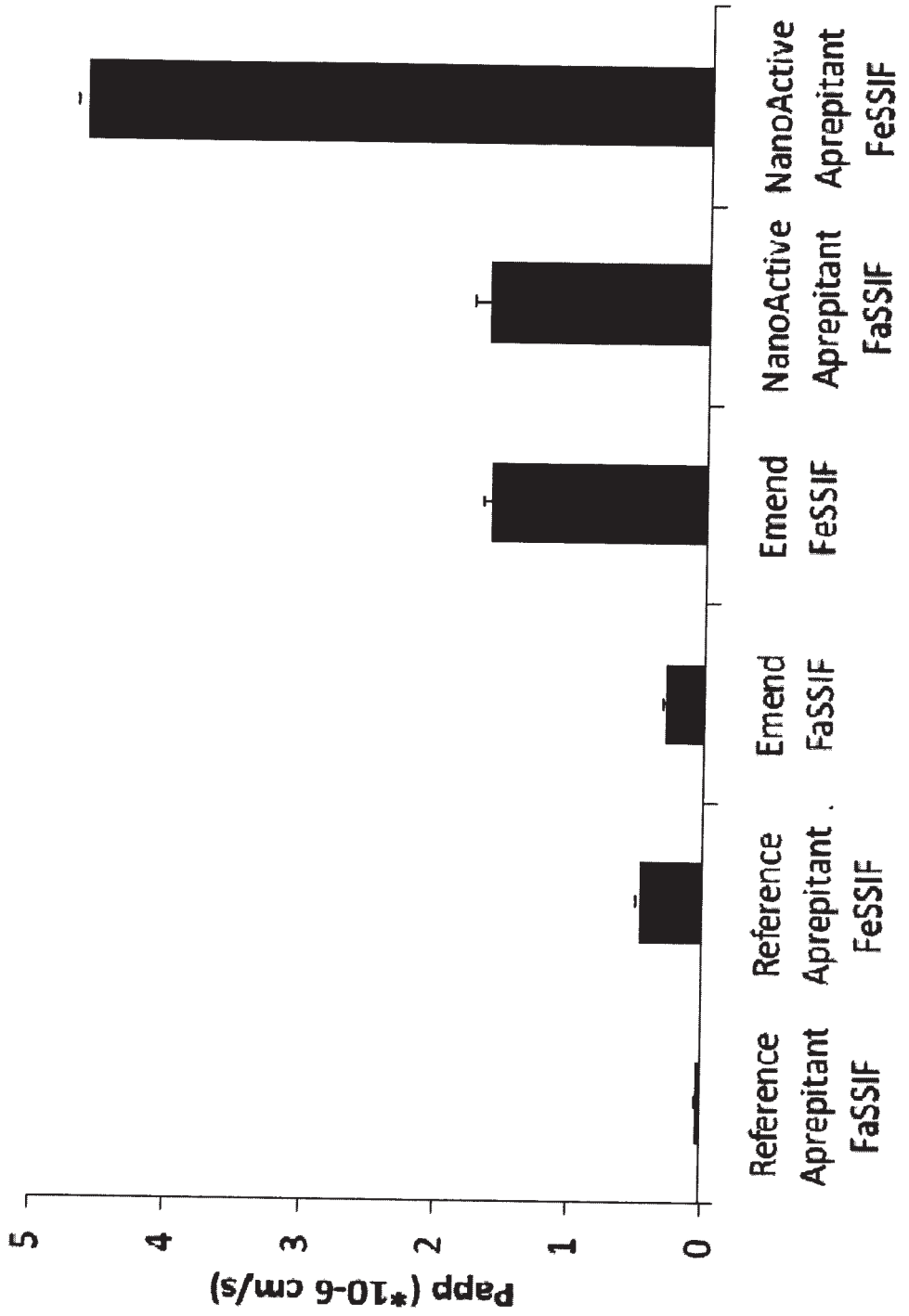

Papp (*10-6 cm/s)
0
1
2
3
4
5
Reference Aprepitant FaSSIF
Reference Aprepitant FeSSIF
Emend FaSSIF
Emend FeSSIF
NanoActive Aprepitant FaSSIF
NanoActive Aprepitant FeSSIF

Figure 5