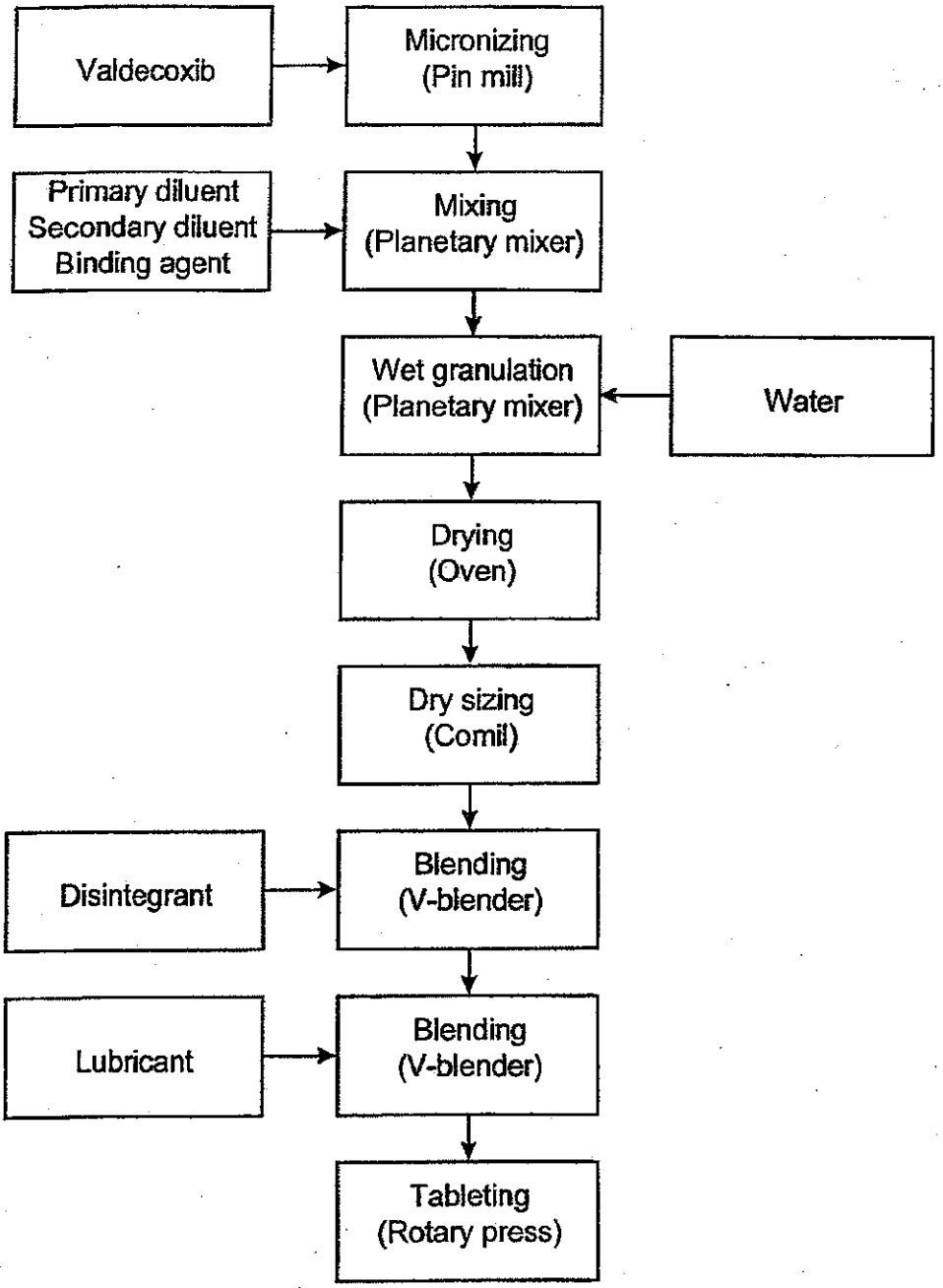

Valdecoxib
Micronizing (Pin mill)
Primary diluent
Secondary diluent
Binding agent
Mixing (Planetary mixer)
Wet granulation (Planetary mixer)
Water
Drying (Oven)
Dry sizing (Comil)
Disintegrant
Blending (V-blender)
Lubricant
Blending (V-blender)
Tableting (Rotary press)

Fig. 1

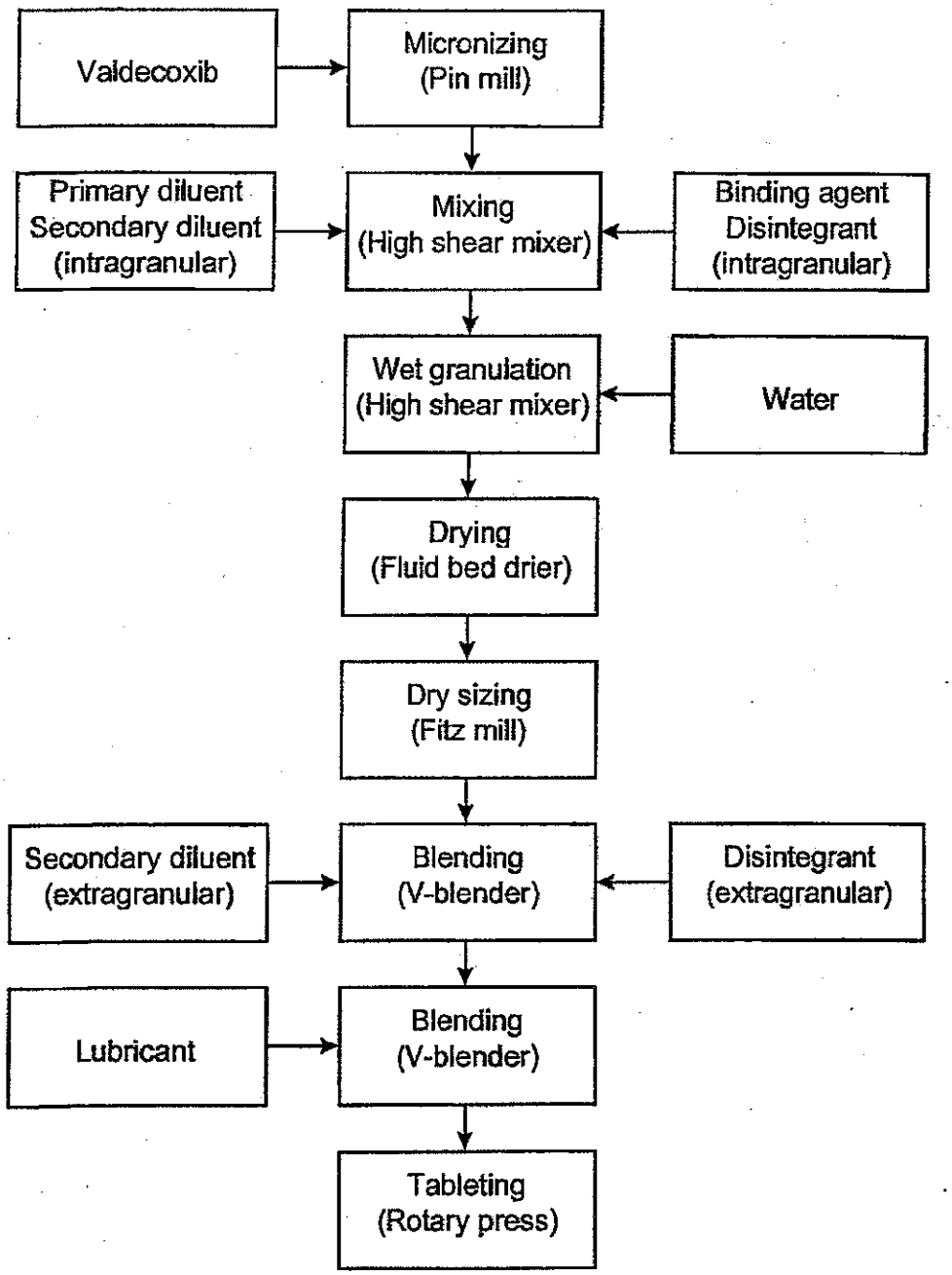

Valdecoxib
Micronizing (Pin mill)
Primary diluent Secondary diluent (intragranular)
Mixing (High shear mixer)
Binding agent Disintegrant (intragranular)
Wet granulation (High shear mixer)
Water
Drying (Fluid bed drier)
Dry sizing (Fitz mill)
Secondary diluent (extragranular)
Blending (V-blender)
Disintegrant (extragranular)
Lubricant
Blending (V-blender)
Tableting (Rotary press)

Fig. 2

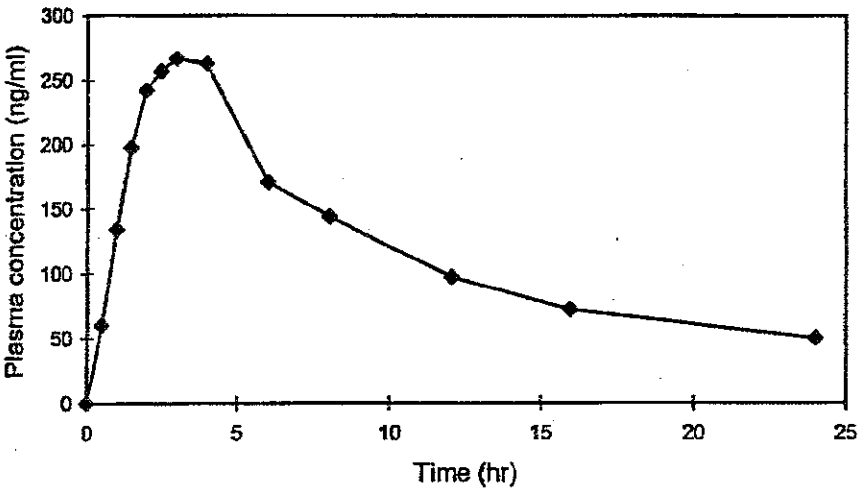

Plasma concentration (ng/ml)
300
250
200
150
100
50
0
0
5
10
15
20
25
Time (hr)

Fig. 3