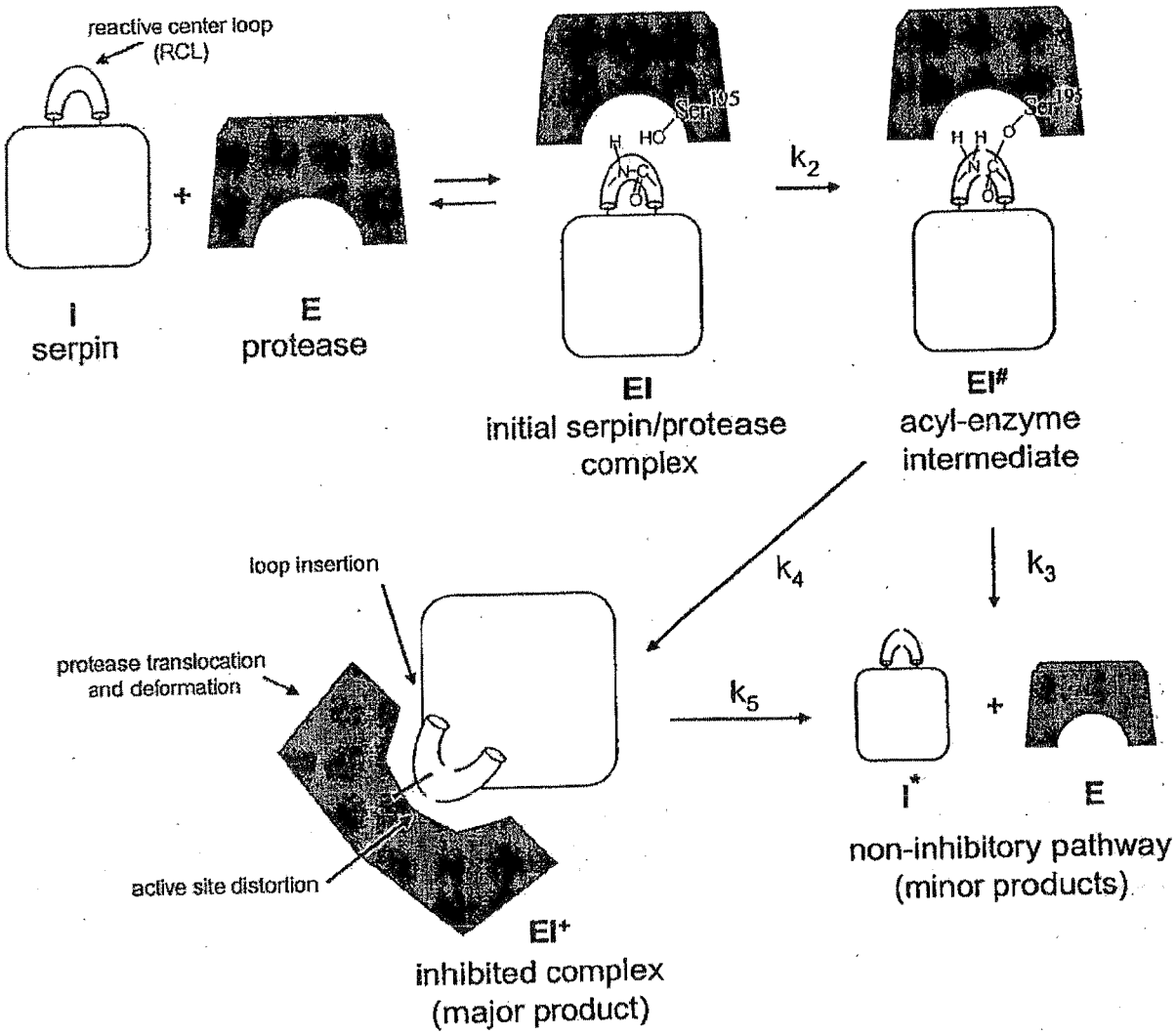

reactive center loop
(RCL)
I
serpin
E
protease
Ser 195
EI
initial serpin/protease
complex
k_2
EI#
acyl-enzyme
intermediate
k_4
k_3
loop insertion
protease translocation
and deformation
active site distortion
EI*
inhibited complex
(major product)
k_5
I*
E
non-inhibitory pathway
(minor products)

FIGURE 1