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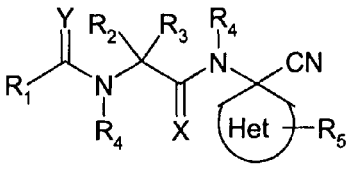
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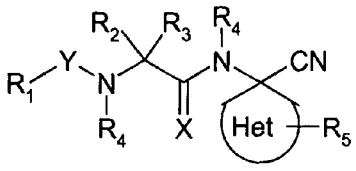
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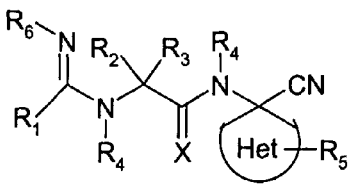
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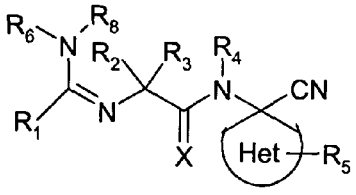
(I)



(II)



(Ia)



(Ib)

(57) Abstract: Disclosed are novel cathepsin S, K, F, L and B reversible inhibitory compounds of formulas (I), (II), (Ia) and (Ib) further defined herein. The compounds are useful for treating autoimmune diseases. Also disclosed are processes for making such novel compounds.

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