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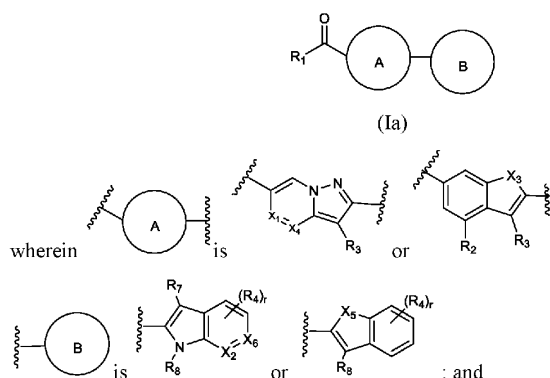
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(54) Title: HETEROCYCLIC PAD4 INHIBITORS



X₁-X₆ and R₁-R₈, along with other variables are as defined herein.

(57) **Abstract:** The disclosure generally relates to substituted heterocyclic compounds of Formula (Ia), which are inhibitors of PAD4, method for preparing these compounds, pharmaceutical compositions comprising these compounds and use of these compounds in the treatment of a disease or a disorder associated with PAD4 enzyme activity.

[Continued on next page]

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