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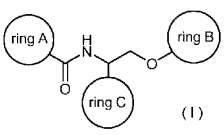
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(54) Title: HETEROCYCLIC DERIVATIVES HAVING S1P3 RECEPTOR ANTAGONISTIC ACTIVITY



(I)

(57) Abstract: A compound of formula (I) or a pharmaceutically acceptable salt thereof is provided, which is useful as a pharmaceutical ingredient having $S1P_3$ receptor antagonistic activity in the prevention and/or treatment an $S1P_3$-mediated disease, wherein all symbols represent the same meaning as the symbols described in the specification. A drug is also provided, which containing, as an active ingredient, a compound having $S1P_3$ receptor antagonistic activity in the prevention and/or treatment an $S1P_3$-mediated disease.

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