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(54) **METHOD FOR PRODUCING
1,4-BENZOXAZINE COMPOUND**

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See application file for complete search history.

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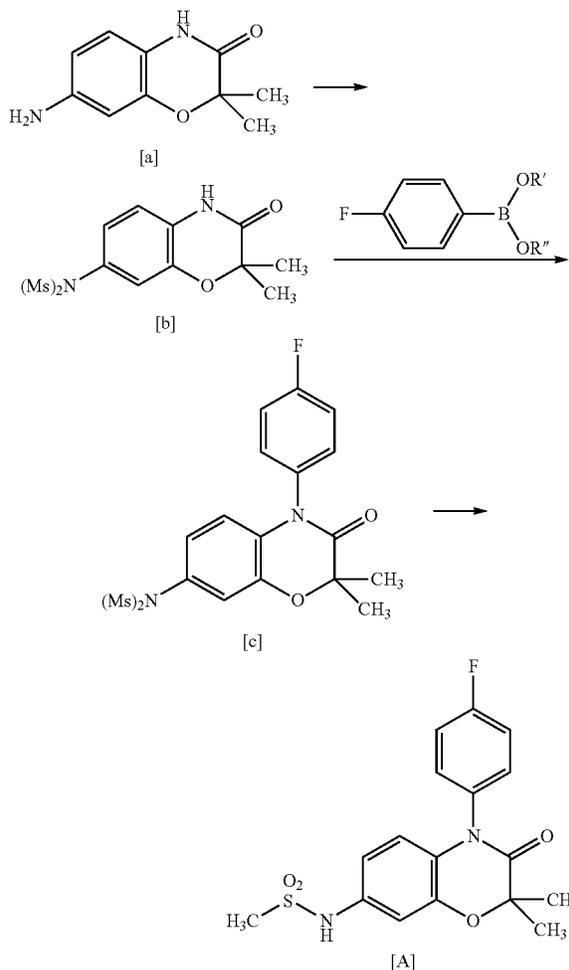
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(57) **ABSTRACT**

The present invention provides an industrially advantageous method for producing a 1,4-benzoxazine compound useful as a medicine while avoiding safety and health risks. Specifically, the present invention provides a method for producing a 1,4-benzoxazine compound [A], which comprises the three steps in the following scheme, namely, a step of converting the amino group at 7-position in a compound [a] into a dimethylamino group, a step of coupling a compound [b] with a boronic acid compound, and a step of converting the 7-position in a compound [c] into a monomesylamino group.



In the above scheme, Ms is a methanesulfonyl group, and each of R' and R'' is a hydrogen atom etc.

6 Claims, 4 Drawing Sheets