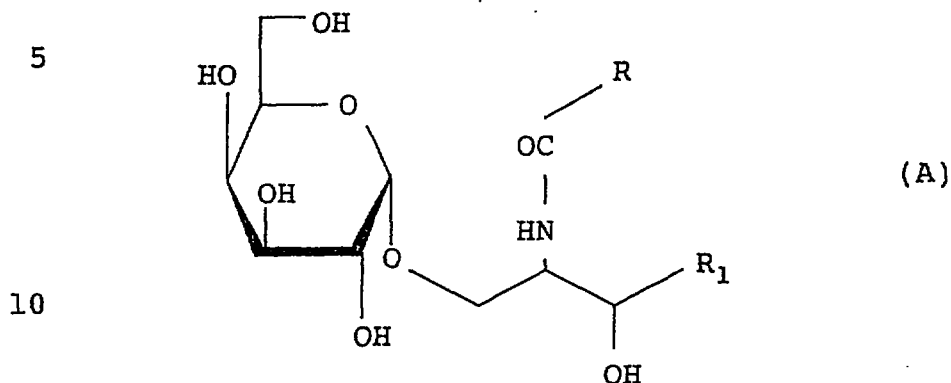


ABSTRACT

The present invention relates to the novel glycosphingolipid represented by the formula (A):



15 wherein R represents $\begin{array}{c} R_2 \\ | \\ \text{---} \end{array}$, where R_2 represents

H or OH and X denotes an integer of 0-26, or $-(CH_2)_7CH=CH(CH_2)_7CH_3$ and R_1 represents any one of the substituents defined by the following (a)-(e):

- 20 (a) $-CH_2(CH_2)_YCH_3$,
 (b) $-CH(OH)(CH_2)_YCH_3$,
 (c) $-CH(OH)(CH_2)_YCH(CH_3)_2$,
 (d) $-CH=CH(CH_2)_YCH_3$, and
 (e) $-CH(OH)(CH_2)_YCH(CH_3)CH_2CH_3$,

25 wherein Y denotes an integer of 5-17.

The present invention also relates to an anti-tumor agent and an immunostimulator comprising one or more of the aforementioned compounds as effective ingredients.

30 Furthermore, the present invention relates to a process for preparing a glycosphingolipid, characterized in that a particular glycosphingolipid is collected from a marine sponge Agelas mauritanus.

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