Claims

[Claim 1]

A mosquito repellent comprising, as an active ingredient, at least one compound selected from the group consisting of octahydro-2H-1-benzopyran-2-one, octahydro-7-methyl-1,4-methanonaphthalen-6(2H)-one, 3-methyl-5-propyl-2-cyclohexen-1-one, octahydro-5-methoxy-4,7-methano-1H-indene-2-carboxaldehyde, 6-methylquinoline, phenoxyacetaldehyde, 9-ethylidene-3-oxatricyclo(6.2.1.02,7)undecan-4-one, 2,3,3-trimethyl-2H-inden-1-one, 4-methyl-5-thiazoleethanol, 7-methoxy-3,7-dimethyloctanal, 3-methyl-1-phenyl-3-pentanol, 2-phenylpropionaldehyde dimethyl acetal, and 2,6,6-trimethylcyclohexa-1,3-diene-1-carbaldehyde.

[Claim 2]

A thermoreception inhibitor for a mosquito, comprising, as an active ingredient, at least one compound selected from the group consisting of octahydro-2H-1-benzopyran-2-one, octahydro-7-methyl-1,4-methanonaphthalen-6(2H)-one, 3-methyl-5-propyl-2-cyclohexen-1-one, octahydro-5-methoxy-4,7-methano-1H-indene-2-carboxaldehyde, 6-methylquinoline, phenoxyacetaldehyde, 9-ethylidene-3-oxatricyclo(6.2.1.02,7)undecan-4-one, 2,3,3-trimethyl-2H-inden-1-one, 4-methyl-5-thiazoleethanol, 7-methoxy-3,7-dimethyloctanal, 3-methyl-1-phenyl-3-pentanol, 2-phenylpropionaldehyde dimethyl acetal, and 2,6,6-trimethylcyclohexa-1,3-diene-1-carbaldehyde.

[Claim 3]

A mosquito repellent comprising, as active ingredients, the compound defined in claim 1 and at least one fragrance compound having carbon dioxide response-inhibiting action selected from the group consisting of 2,4-dimethylcyclohex-3-ene-1-methanol, 1-octanol, and cis-3-hexenyl acetate.

[Claim 4]

The mosquito repellent according to claim 3, wherein the compound defined in claim 1 is octahydro-2H-1-benzopyran-2-one, octahydro-7-methyl-1,4-methanonaphthalen-6(2H)-one, or 3-methyl-5-propyl-2-cyclohexen-1-one.

[Claim 5]

A method for repelling a mosquito, comprising applying at least one compound selected from the group consisting of octahydro-2H-1-benzopyran-2-one, octahydro-7-methyl-1,4-methanonaphthalen-6(2H)-one, 3-methyl-5-propyl-2-cyclohexen-1-one, octahydro-5-methoxy-4,7-methano-1H-indene-2-carboxaldehyde, 6-methylquinoline, phenoxyacetaldehyde, 9-ethylidene-3-oxatricyclo(6.2.1.02,7)undecan-4-one, 2,3,3-trimethyl-2H-inden-1-one, 4-methyl-5-thiazoleethanol, 7-methoxy-3,7-dimethyloctanal, 3-methyl-1-phenyl-3-pentanol, 2-phenylpropionaldehyde dimethyl acetal, and 2,6,6-trimethylcyclohexa-1,3-diene-1-carbaldehyde onto the skin of a mammal.

[Claim 6]

A method for repelling a mosquito, comprising applying the compound defined in claim 5 and at least one fragrance compound having carbon dioxide response-inhibiting action selected from the group consisting of 2,4-dimethylcyclohex-3-ene-1-methanol, 1-octanol, and cis-3-hexenyl acetate onto the skin of a mammal.

[Claim 7]

The method for repelling a mosquito according to claim 6, wherein the compound defined in claim 5 is octahydro-2H-1-benzopyran-2-one, octahydro-7-methyl-1,4-methanonaphthalen-6(2H)-one, or 3-methyl-5-propyl-2-cyclohexen-1-one