CLAIMS

What is claimed is:

1. Use of a compound (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide or a pharmaceutically acceptable salt thereof for the preparation of a medicament for suppressing cough in a subject in need thereof.
2. The use of claim 1 wherein the pharmaceutically acceptable salt is the hydrochloride salt.
3. The use of claim 1 wherein the medicament further comprising one or more additional pharmaceutically active ingredients chosen from antitussives other than nicotine or a derivative thereof, antipyretics, expectorants, mucolytics, nasal decongestants, antihistamines, opioid analgesics, or non-opiate analgesics.
4. The use of claim 3 wherein the antitussive is chosen from ambroxol, apomorphine hydrochloride, beechwood creosote, benzonatate, camphor ethanedisulfonate, caramiphen edisylate, carbetapentane citrate, chlophendianol hydrochloride, codeine, codeine phosphate, codeine sulfate, dextromethorphan, dextromethorphan hydrobromide, diphenhydramine, diphenhydramine hydrochloride, fentanyl, fentanyl citrate, hydrocodone, hydromorphone hydrochloride, levorphanol tartrate, menthol, methadone hydrochloride, morphine, morphine sulfate, noscapine, noscapine hydrochloride, oxycodone hydrochloride, oxymorphone hydrochloride or zinc gluconate.
5. The use of claim 3 wherein the expectorant is chosen from acetylcysteine, ammonium carbonate, ammonium chloride, antimony potassium tartrate, glycerin, guaifenesin, potassium iodide, sodium citrate, terpin hydrate, or tolu balsam.
6. The use of claim 3 wherein the mucolytic is chosen from acetylcysteine, ambroxol, bromhexine, carbocisteine, domiodol, dornase alfa, eprazinone, erdosteine, letosteine, mesna, neltenexine, sobrerol, stepronin, or tiopronin.
7. The use of claim 3 wherein the nasal decongestant is chosen from ephedrine, ephedrine hydrochloride, ephedrine sulfate, epinephrine bitartrate, hydroxyamphetamine hydrobromide, mephentermine sulfate, methoxamine hydrochloride, naphazoline hydrochloride, oxymetalozine hydrochloride, phenylpropanolamine hydrochloride,

propylhexedrine, psuedoephedrine hydrochloride, tetrahydrozoline hydrochloride, or xylometazoline hydrochloride.

8. The use of claim 3 wherein the antihistamine is chosen from antazoline, azatadine, brompheniramine, brompheniramine mepyramine, carbinoxamine, chlorcyclizine, chlorpheniramine, chlorpheniramine, clemastine, cyclizine, cyproheptadine, dexchlorpheniramine, dimenhydrinate, dimetindene, diphenhydramine, diphenhydramine, doxylamine, doxylamine, hydroxyzine, ketotifen, meclizine, pheniramine, promethazine, trimeprazine, or triprolidine.
9. The use of claim 3 wherein the opioid analgesic is chosen from codeine, diphenoxylate, fentanyl, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, or propoxyphene.
10. The use of claim 3 wherein the non-opioid analgesic is chosen from acetaminophen, aspirin, ibuprofen, or naproxen.
11. The use of claim 3 wherein (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide is to be administered in the form of a capsule, elixir, fast-melt strip, gum, lozenge, liquid, lotion, nasal-inhaled spray, oral-inhaled spray, orally disintegrating tablet, syrup, tablet, or transdermal patch.
12. The use as recited in claim 1 wherein the subject is a human.
13. The use of claim 1 wherein (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide is to be administered once a day.
14. The use of claim 1 wherein (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide is to be administered twice a day.
15. The use of claim 1 wherein (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide is to be administered at least three times a day.
16. The use of claim 1 wherein the cough is a symptom of one or more conditions chosen from sneezing, rhinorrhea, nasal obstruction, nasal congestion, nasal pruritus, rhinorrhea, allergies, allergic vasomotor rhinitis (hay fever), seasonal allergic vasomotor rhinitis, perennial allergic vasomotor rhinitis, a respiratory disease, a cold, acute bronchitis, chronic bronchitis, asthmatic bronchitis, bronchiectasis, pneumonia, lung tuberculosis, silicosis, silicotuberculosis, pulmonary cancer, upper respiratory inflammation, pharyngitis, laryngitis, nasal catarrh, asthma, bronchial asthma, infantile asthma,

pulmonary emphysema, pneumoconiosis, pulmonary fibrosis, pulmonary silicosis, pulmonary suppuration, pleuritis, tonsillitis, cough hives, post-viral cough, gastreoesophageal reflux disease, post-nasal drip, nasal congestion, sinusitis, whooping cough or the cough results from a procedure chosen from a bronchography or a bronchoscopy.

17. The use of claim 1 wherein the cough is acute.
18. The use of claim 1 wherein the cough is chronic.
19. The use of claim 1 wherein (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide is to be administered orally or by intramuscular injection, subcutaneous injection, intraperitoneal injection, intrathecal, sublingualmal.
20. Use of a compound (2S,3R)-N-(2-((3-pyridinyl)methyl)-1-azabicyclo[2.2.2]oct-3-yl)benzofuran-2-carboxamide or a pharmaceutically acceptable salt thereof for the preparation of a medicament for suppressing or reducing cough in a subject in need thereof.