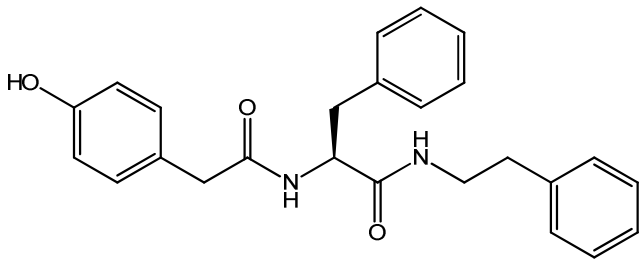
Claims

1. A 2-phenylethylamide N-(p-hydroxyphenylacetyl)phenylalanine compound of the formula



or a~~n adduct,~~ hydrate or solvate thereof ~~as an agonist of opioid receptors, an antagonist of tachykinin receptors and of TRPV1 and TRPM8 ion channels~~.

~~2. Use of the compound defined in claim 1 for prevention and/or treatment of a disorder associated with the activity of opioid and tachykinin receptors and TPRV1 and TRPM8 ion channels.~~

~~3~~2. A method of producing the compound of claim 1, comprising reacting between (S)-methyl 2-(2-(4-hydroxyphenyl)acetamido)-3-phenylpropanoate and phenylethylamine using a condensing agent in the acetonitrile medium.

~~4~~3. An agonist of opioid receptors, an antagonist of tachykinin receptors and of TRPV1 and TRPM8 ion channels, representing the compound of claim 1.

~~5~~4. A pharmaceutical composition for the prevention and/or treatment of a disorder associated with the activity of opioid and tachykinin receptors and TRPV1 and TRPM8 ion channels, comprising a therapeutically effective amount of the compound defined in claim 1 and at least one pharmaceutically acceptable carrier.

~~6~~5. The~~A~~ pharmaceutical composition of claim ~~5~~4, wherein the disorder associated with the activity of opioid and tachykinin receptors and TRPV1 and TRPM8 ion channels is cough, asthma, COPD, bronchitis, rhinitis, diarrhoea, irritable bowel syndrome, Crohn's disease, colitis, psoriasis, prurigo, atopic dermatitis and/or pruritus.

~~7~~6. Use of the compound defined in claim 1 in the manufacture of the pharmaceutical composition according to claim ~~5~~4.

~~8. A method of preventing and/or treating a disorder associated with the activity of opioid and tachykinin receptors and TRPV1 and TRPM8 ion channels in a subject in need of such treatment, comprising administering to said subject the pharmaceutical composition of claim 5.~~

~~9. A method of preventing and/or treating a disorder associated with the activity of opioid and tachykinin receptors and TRPV1 and TRPM8 ion channels in a subject in need of such treatment, comprising administering to said subject a therapeutically effective amount of the compound defined in claim 1.~~

~~10. A method of preventing and/or treating cough, asthma, COPD, bronchitis, rhinitis, diarrhoea, irritable bowel syndrome, Crohn's disease, colitis, psoriasis, prurigo, atopic dermatitis and/or pruritus in a subject in need of such treatment, comprising administering to said subject a therapeutically effective amount of the compound defined in claim 1.~~

~~11~~7. Use of the compound defined in claim 1 in the manufacture of a medicament.

~~12~~8. The u~~U~~se according to~~of~~ claim ~~11~~7, wherein the medicament is to be used for preventing and/or treating a disorder associated with the activity of opioid and tachykinin receptors and TRPV1 and TRPM8 ion channels selected from cough, asthma, COPD, bronchitis, rhinitis, diarrhoea, irritable bowel syndrome, Crohn's disease, colitis, psoriasis, prurigo, atopic dermatitis and pruritus.

~~13~~9. A combination comprising a therapeutically effective amount of the compound defined in claim 1 and one or more other additional therapeutic agents.

~~14~~10. The~~A~~ combination of claim ~~13~~9, wherein the other additional therapeutic agent is selected from an agent that inhibits the cough reflex, a mucolytic agent, a mucoregulatory agent, an expectorant, an antibiotic, an NSAID or an anesthetic.