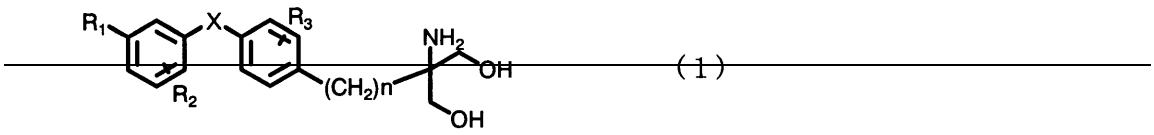
CLAIMS

~~1. A therapeutic or prophylactic agent for an inflammatory bowel disease containing, as an active ingredient, a 2-amino-1,3-propanediol derivative represented by the chemical formula (1):~~

~~(Chemical formula 1)~~



(1)

~~[wherein R_1 is a halogen atom, a trihalomethyl group, a hydroxy group, a lower alkyl group having 1 to 7 carbon atoms, a substituted or unsubstituted phenyl group, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, a trifluoromethyloxy group, a phenoxy group, a cyclohexylmethyloxy group, a substituted or unsubstituted aralkyloxy group, a pyridylmethyloxy group, a cinnamyloxy group, a naphthylmethyloxy group, a phenoxymethyl group, a hydroxymethyl group, a hydroxyethyl group, a lower alkylthio group having 1 to 4 carbon atoms, a lower alkylsulfinyl group having 1 to 4 carbon atoms, a lower alkylsulfonyl group having 1 to 4 carbon atoms, a benzylthio group, an acetyl group, a nitro group or a cyano group; R_2 is a hydrogen atom, a halogen atom, a trihalomethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a lower alkyl group having 1 to 7 carbon atoms, a phenethyl group or a benzyloxy group; R_3 is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower~~

~~alkoxy group having 1 to 4 carbon atoms, a hydroxy group, a benzyloxy group, a lower alkyl group having 1 to 7 carbon atoms, a phenyl group, a lower alkoxymethyl group having 1 to 4 carbon atoms or a lower alkylthio group having 1 to 4 carbon atoms; X is O, S, SO or SO_2; and n is an integer from 2 to 4], or a pharmaceutically acceptable salt or hydrate thereof.~~

~~2~~1. ~~The therapeutic or prophylactic agent for an inflammatory bowel disease according to claim 1, wherein the compound represented by the chemical formula (1) is~~ Use of 2-amino-2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl] ethyl-1,3-propanediol or a pharmaceutically acceptable salt or a hydrate thereof in the manufacture of a medicament for treating an inflammatory bowel disease.

2. The use according to claim 1, wherein the inflammatory bowel disease is Crohn's disease, Crohn's disease in large intestine, intestinal Behcet's disease, ulcerative colitis, bleeding rectal ulcer, or pouchitis.

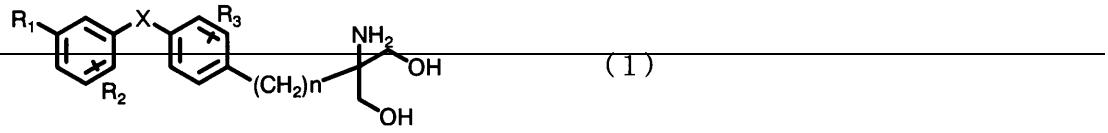
3. ~~The therapeutic or prophylactic agent for an inflammatory bowel disease~~ The use according to claim 1 or 2, wherein the compound ~~represented by the chemical formula (1)~~ is ~~a hydrochloride of~~ 2-amino-2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl] ethyl-1,3-propanediol hydrochloride.

4. The use according to any one of claims 1 to 3, wherein the inflammatory bowel disease is moderate or serious inflammatory bowel disease resistant to antimetabolic immunosuppressors, steroids, salazosulfapyridine, or mesalazine.

~~4~~5. ~~The therapeutic or prophylactic agent for an inflammatory bowel disease~~ The use according to any one of claims 1 to 3, wherein the inflammatory bowel disease is Crohn's disease~~, Crohn's disease in large intestine, intestinal Behcet's disease,~~ or ulcerative colitis~~, bleeding rectal ulcer, or pouchitis~~.

~~5. A method for treating an inflammatory bowel disease, using, as an active ingredient, a 2-amino-1,3-propanediol derivative represented by the chemical formula (1):~~

~~(Chemical formula 2)~~



(1)

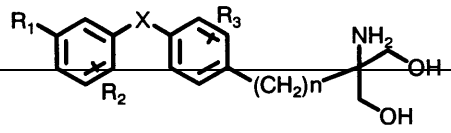
~~[wherein R_1 is a halogen atom, a trihalomethyl group, a hydroxy group, a lower alkyl group having 1 to 7 carbon atoms, a substituted or unsubstituted phenyl group, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, a trifluoromethyloxy group, a phenoxy group, a cyclohexylmethyloxy group, a substituted or unsubstituted aralkyloxy group, a pyridylmethyloxy group, a cinnamyloxy group,~~

~~a naphthylmethyloxy group, a phenoxymethyl group, a hydroxymethyl group, a hydroxyethyl group, a lower alkylthio group having 1 to 4 carbon atoms, a lower alkylsulfinyl group having 1 to 4 carbon atoms, a lower alkylsulfonyl group having 1 to 4 carbon atoms, a benzylthio group, an acetyl group, a nitro group or a cyano group; R_2 is a hydrogen atom, a halogen atom, a trihalomethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a lower alkyl group having 1 to 7 carbon atoms, a phenethyl group or a benzyloxy group; R_3 is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a hydroxy group, a benzyloxy group, a lower alkyl group having 1 to 7 carbon atoms, a phenyl group, a lower alkoxymethyl group having 1 to 4 carbon atoms or a lower alkylthio group having 1 to 4 carbon atoms; X is O, S, SO or SO_2; and n is an integer from 1 to 4], or a pharmaceutically acceptable salt or hydrate thereof.~~

~~6. The method for treating an inflammatory bowel disease according to claim 5, wherein the inflammatory bowel disease is Crohn's disease, Crohn's disease in large intestine, intestinal Behcet's disease, ulcerative colitis, bleeding rectal ulcer, or pouchitis.~~

~~7. A therapeutic or prophylactic agent for an inflammatory bowel disease, comprising a 2-amino-1,3-propanediol derivative represented by the general formula (1):~~

~~(Chemical formula 3)~~



(1)

[wherein R_1 is a halogen atom, a trihalomethyl group, a hydroxy group, a lower alkyl group having 1 to 7 carbon atoms, a substituted or unsubstituted phenyl group, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, a trifluoromethyloxy group, a phenoxy group, a cyclohexylmethyloxy group, a substituted or unsubstituted aralkyloxy group, a pyridylmethyloxy group, a cinnamyloxy group, a naphthylmethyloxy group, a phenoxymethyl group, a hydroxymethyl group, a hydroxyethyl group, a lower alkylthio group having 1 to 4 carbon atoms, a lower alkylsulfinyl group having 1 to 4 carbon atoms, a lower alkylsulfonyl group having 1 to 4 carbon atoms, a benzylthio group, an acetyl group, a nitro group or a cyano group; R_2 is a hydrogen atom, a halogen atom, a trihalomethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a lower alkyl group having 1 to 7 carbon atoms, a phenethyl group or a benzyloxy group; R_3 is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a hydroxy group, a benzyloxy group, a lower alkyl group having 1 to 7 carbon atoms, a phenyl group, a lower alkoxymethyl group having 1 to 4 carbon atoms or a lower alkylthio group having 1 to 4 carbon atoms; X is O, S, SO or SO_2; and n is an integer from 1 to 4] or a pharmaceutically acceptable salt or hydrate thereof, in combination of at least one therapeutic agent for an inflammatory bowel disease.

6. Use of 2-amino-2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl] ethyl-1,3-propanediol, or a pharmaceutically acceptable salt or hydrate thereof in combination with at least one therapeutic agent for an inflammatory bowel disease, in the manufacture of a medicament for treating an inflammatory bowel disease.

~~8~~7. ~~The therapeutic or prophylactic agent for an inflammatory bowel disease~~ The use according to claim ~~7~~6, wherein the at least one therapeutic agent for an inflammatory bowel disease comprises a sulfasalazine, a steroid, or an immunosuppressor.

8. The use according to claim 6 or 7, wherein the compound is 2-amino-2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl] ethyl-1, 3-propanediol hydrochloride.