

Title (en)

METHOD OF TREATING GASTROINTESTINAL TRACT DISEASE WITH PURINERGIC RECEPTOR AGONISTS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON MAGEN-DARM TRAKTSERKRANKUNGEN MIT PURIN-REZEPTORAGONISTEN

Title (fr)

METHODE DE TRAITEMENT DE MALADIES DU TRACTUS GASTRO-INTESTINAL AU MOYEN D'AGONISTES DE RECEPTEURS PURINERGIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0145691A2] The invention provides a method of regulating water and mucin secretions and fluid transport in the gastrointestinal tract. The invention also provides a method for treating a gastrointestinal disease in which the mucosal barrier of the gastrointestinal system is impaired. The invention additionally provides a method for correcting disorders of fluid secretion or absorption in the gastrointestinal system. The method comprises administering to a patient a pharmaceutical composition comprising a purinergic P2Y receptor agonist, in an amount effective to regulate water and mucin secretions or to correct abnormal fluid transport in the gastrointestinal tract. The pharmaceutical composition used in this invention comprises a P2Y purinergic receptor agonist such as uridine 5'-diphosphate (UDP), uridine 5'-triphosphate (UTP), cytidine 5'-diphosphate (CDP), cytidine 5'-triphosphate (CTP), adenosine 5'-diphosphate (ADP), adenosine 5'-triphosphate (ATP), and their analogs; and dinucleotide polyphosphate compounds of general Formula (IV). Said compound is prepared in an oral form, an injectable form, or a suppository form, and administered to a patient.

IPC 1-7

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