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(54) Title **COMPOUNDS, COMPOSITIONS AND METHODS USEFUL FOR CHOLESTEROL MOBILISATION**

(56) References

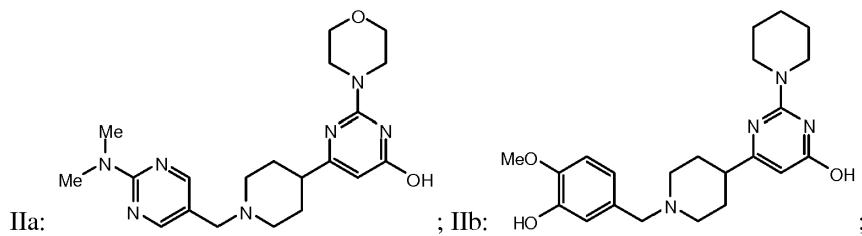
Cited:

WO-A1-2009/046606, ZHAN C. ET AL.: 'Molecular modeling of purinergic receptor P2Y12 and interaction with its antagonists' JOURNAL OF MOLECULAR GRAPHIES AND MODELLING vol. 26, no. 1, 2007, pages 20 - 31, XP022132983, WO-A2-2007/143724, WO-A2-2012/054535, US-A- 3 935 222, US-A- 3 939 159, US-A- 5 288 726, US-A- 5 763 448, US-A1- 2007 249 555, US-B1- 6 632 814, KIM Y C ET AL: "Synthesis of pyridoxal phosphate derivatives with antagonist activity at the P2Y13 receptor", BIOCHEMICAL PHARMACOLOGY, ELSEVIER, US, vol. 70, no. 2, 15 July 2005 (2005-07-15), pages 266-274, XP027715534, ISSN: 0006-2952 [retrieved on 2005-07-15], DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 25 March 2010 (2010-03-25), XP002724959, Database accession no. 1214529-66-4, DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 7 September 2010 (2010-09-07), XP002724960, Database accession no. 1240167-51-4, DATABASE REGISTRY [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 25 March 2010 (2010-03-25), XP002724961, Database accession no. 1214614-28-4, WO-A2-2005/076007

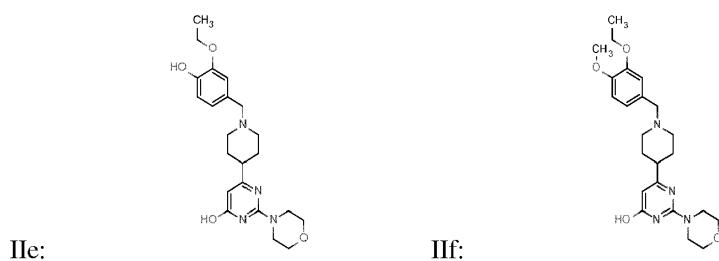
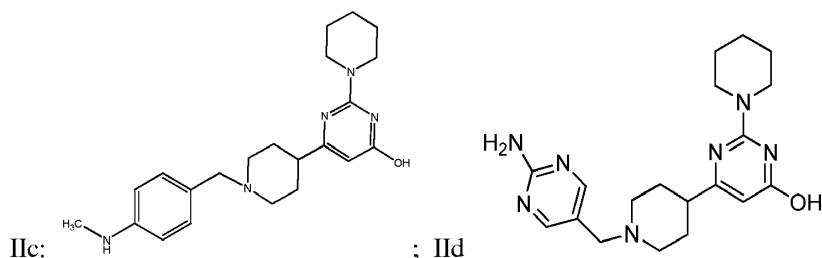
Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of the application/patent granted at the EPO. In matters concerning the validity of the patent, language of the application/patent granted at the EPO will be used as the basis for the decision. The patent documents published by the EPO are available through Espacenet (<http://worldwide.espacenet.com>) or via the search engine on our website here: <https://search.patentstyret.no/>

Patentkrav

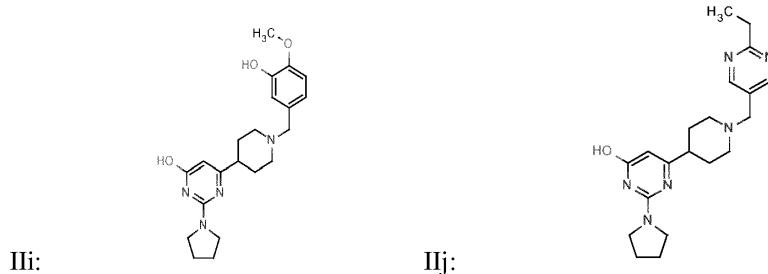
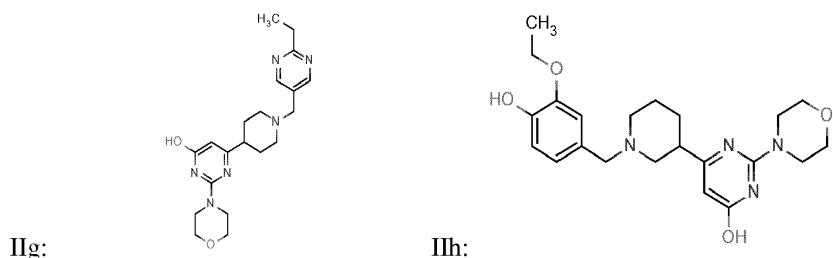
1. En forbindelse som har strukturen:

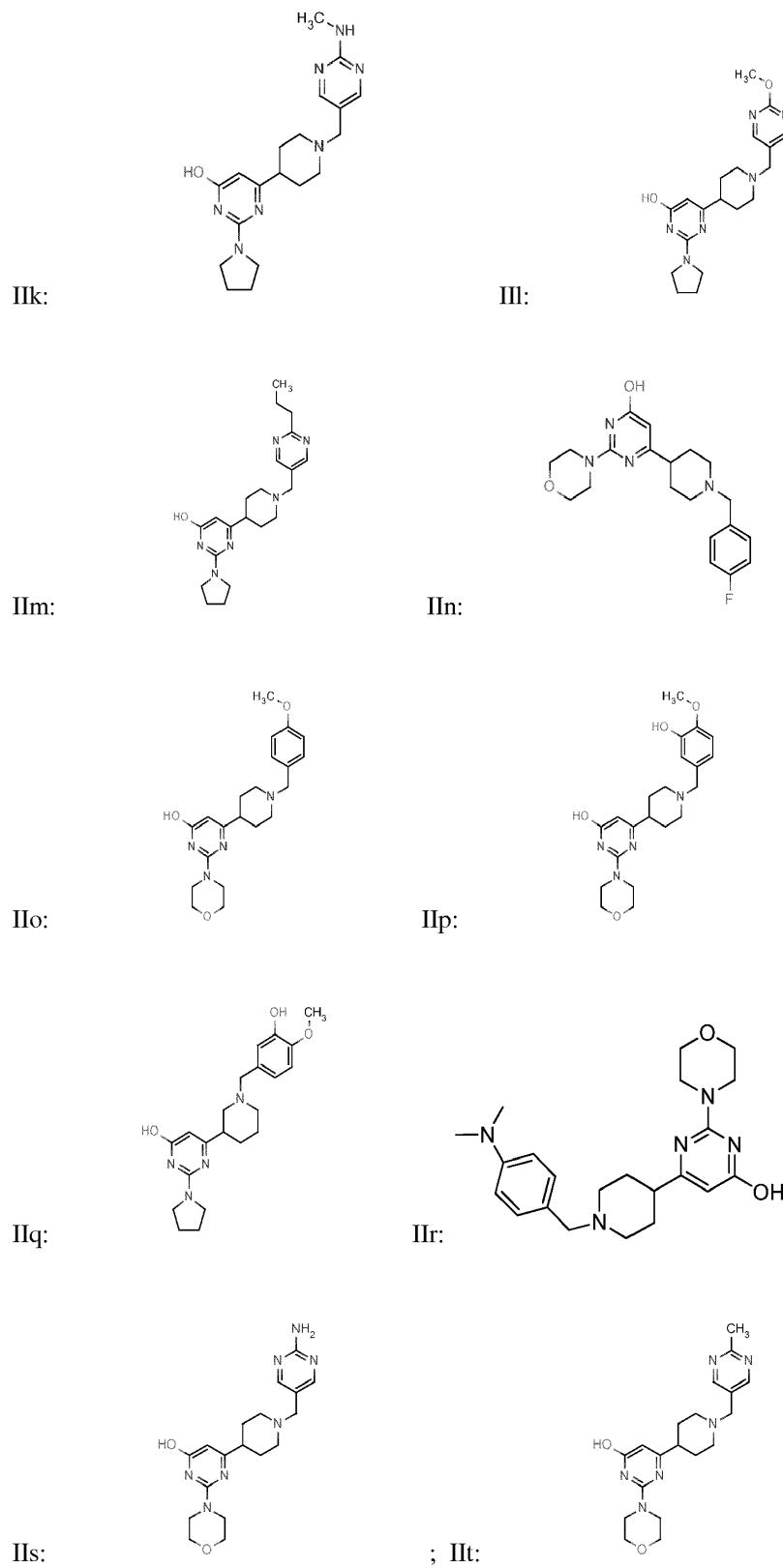


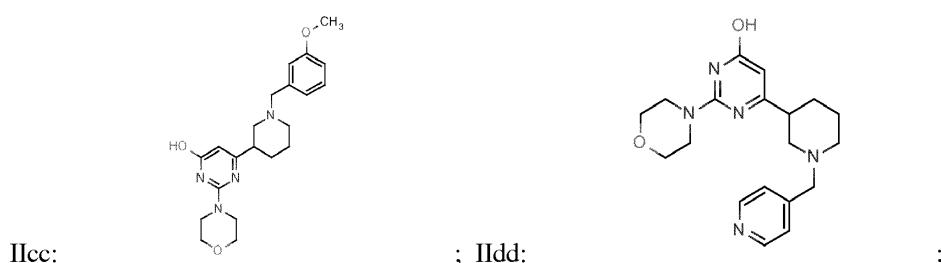
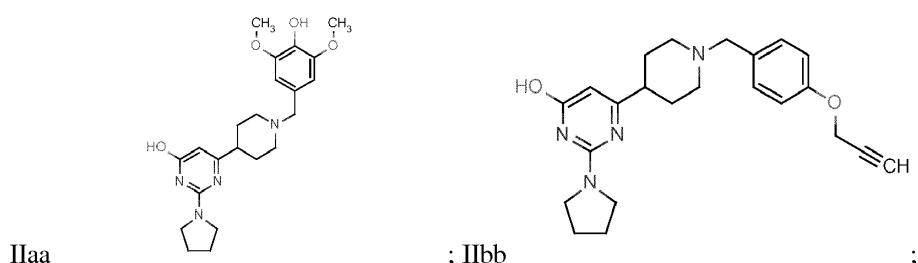
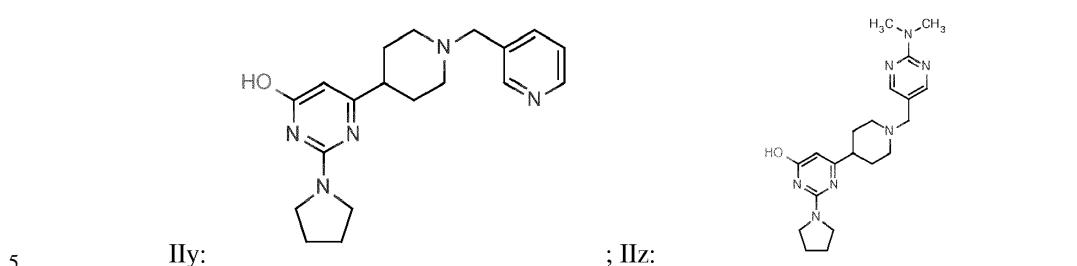
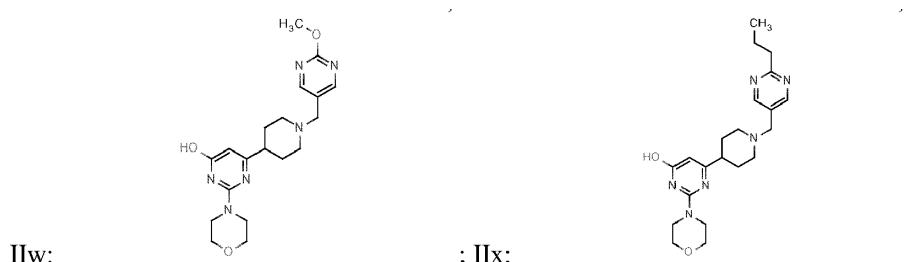
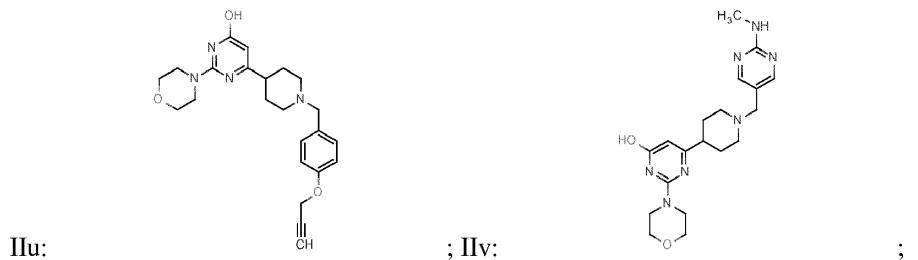
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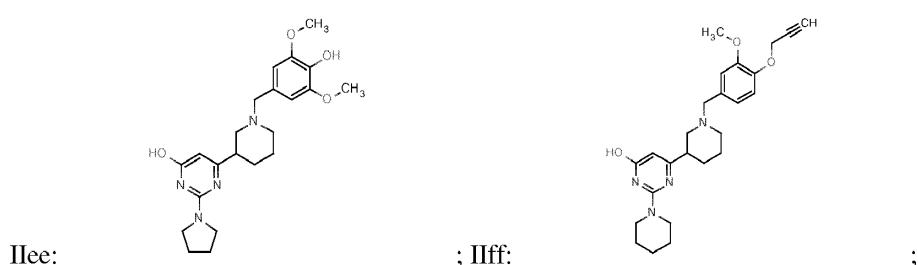
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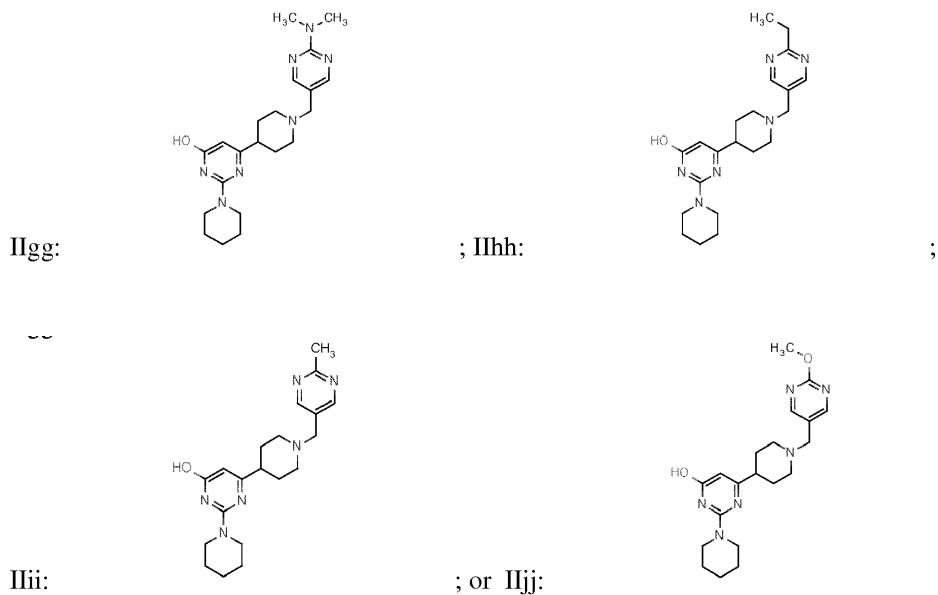






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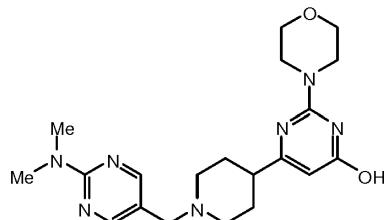




5 eller et farmasøytisk akseptabelt salt av en hvilken som helst av de foregående.

2. En forbindelse ifølge krav 1 som har strukturen:

IIa:



10

eller et farmasøytisk akseptabelt salt derav.

15 **3.** En sammensetning som omfatter en effektiv mengde av en forbindelse eller farmasøytisk akseptabelt salt av forbindelsen ifølge krav 1 eller krav 2 og et farmasøytisk akseptabelt vehikkel eller bærer.

4. Sammensetningen ifølge krav 3, hvor sammensetningen er formulert for oral administrering.

20 **5.** Sammensetningen ifølge krav 3 hvor sammensetningen er i form av en tabletts eller kapsel.

6. Sammensetningen ifølge krav 3, hvor forbindelsen eller salt derav er tilstede i en mengde på rundt 1 mg til rundt 1,000 mg.

7. En forbindelse ifølge krav 1 eller krav 2 eller et farmasøytisk akseptabelt salt derav for anvendelse ved behandling av en lidelse, hvor lidelsen er en hepatisk steatose, en kardiovaskulær lidelse, en lidelse i lipoprotein-metabolismen, en lidelse i glukose-metabolismen, inflammasjon, iskemisk nekrose, kolonkreft, lungekreft, brystkreft, hudkreft, en trombotisk lidelse, Alzheimers sykdom, Parkinsons sykdom, pankreatitt, eller unormal galleproduksjon.

8. Anvendelsen en forbindelse ifølge krav 1 eller krav 2 eller et farmasøytisk akseptabelt salt derav i fremstillingen av et medikament for behandlingen av en lidelse, hvor lidelsen er en hepatisk steatose, en kardiovaskulær lidelse, en lidelse i lipoprotein-metabolismen, en lidelse i glukosemetabolismen, inflammasjon, iskemisk nekrose, kolonkreft, lungekreft, brystkreft, hudkreft, en trombotisk lidelse, Alzheimers sykdom, Parkinsons sykdom, pankreatitt, eller unormal galleproduksjon.