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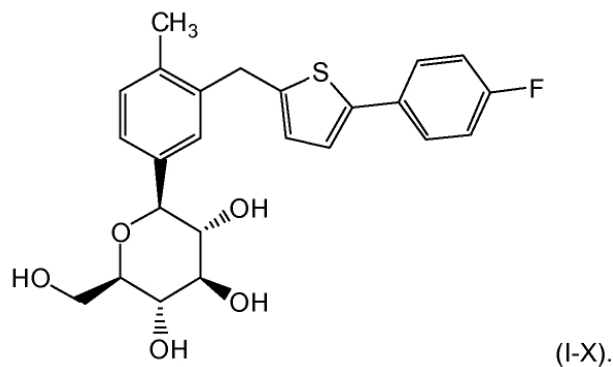
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|------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (54) | Title             | <b>L-PROLINE AND CITRIC ACID CO-CRYSTALS OF (2S, 3R, 4R, 5S, 6R )- 2- (3- ((5- (4-FLUOROPHENYL)THIOPHEN-2-YL) METHYL) -4-METHYLPHENYL)-6-(HYDROXYMETHYL)TETRAHYDRO-2H-PYRAN-3,4,5-TRIOL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (56) | References Cited: | WO-A1-2009/026537<br>US-A1- 2005 233 988<br>US-A1- 2008 146 515<br>NOMURA S ET AL: "Discovery of canagliflozin, a novel C-glucoside with thiophene ring, as sodium-dependent glucose cotransporter 2 inhibitor for the treatment of type 2 diabetes mellitus (1)", JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 53, no. 17, 9 September 2010 (2010-09-09), pages 6355-6360, XP007915324, ISSN: 0022-2623, DOI: 10.1021/JM100332N<br>VISHWESHWAR P ET AL: "Pharmaceutical co-crystals", JOURNAL OF PHARMACEUTICAL SCIENCES, AMERICAN PHARMACEUTICAL ASSOCIATION, WASHINGTON, US, vol. 95, no. 3, 1 March 2006 (2006-03-01), pages 499-516, XP002443334, ISSN: 0022-3549, DOI: 10.1002/JPS.20578<br>NATE SCHULTHEISS ET AL: "Pharmaceutical Cocystals and Their Physicochemical Properties", CRYSTAL GROWTH & DESIGN, vol. 9, no. 6, 3 June 2009 (2009-06-03), pages 2950-2967, XP55011939, ISSN: 1528-7483, DOI: 10.1021/cg900129f<br>SHAN N ET AL: "The role of cocystals in pharmaceutical science", DRUG DISCOVERY TODAY, ELSEVIER, RAHWAY, NJ, US, vol. 13, no. 9-10, 1 May 2008 (2008-05-01) , pages |

440-446, XP022649919, ISSN: 1359-6446, DOI: 10.1016/J.DRUDIS.2008.03.004 [retrieved on 2008-04-22]

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. L-prolin-kokrystall av en forbindelse med formel (I-X)

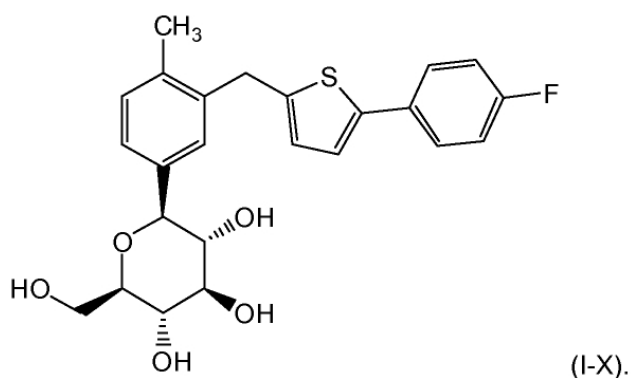


2. L-prolin-kokrystall ifølge krav 1, hvor kokrystallen er krystallinsk.

- 5 3. L-prolin-kokrystall ifølge krav 2, omfattende de følgende pXRD-topper  
 $^{\circ}2\theta$ : 3,74, 9,50, 10,98, 17,78, 18,62, 21,94, 23,43 og 26,82.

4. L-prolin-kokrystall ifølge krav 2, hvor kokrystallen oppviser et  
 smeltepunkt på 188°C, målt ved DSC.

5. Sitronsyre-kokrystall av en forbindelse med formel (I-X)



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6. Sitronsyre-kokrystall ifølge krav 5, hvor kokrystallen er krystallinsk.

7. Sitronsyre-kokrystall ifølge krav 6, omfattende de følgende pXRD-topper  
 $^{\circ}2\theta$ : 4,2, 9,16, 12,39, 16,54, 17,69, 19,70, 23,63 og 25,66.

8. Sitronsyre-kokrystall ifølge krav 6, hvor kokrystallen oppviser et  
 15 smeltepunkt på rundt 156°C, målt ved DSC.