



(12) Translation of
European patent specification

(11) NO/EP 2639224 B1

NORWAY

(19) NO
(51) Int Cl.
C07D 213/73 (2006.01)
C07D 405/12 (2006.01)

Norwegian Industrial Property Office

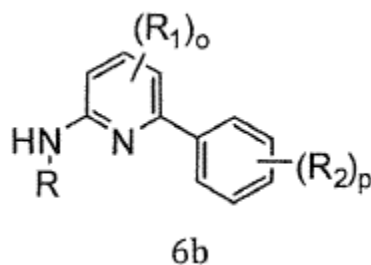
(21)	Translation Published	2017.01.09
(80)	Date of The European Patent Office Publication of the Granted Patent	2016.08.24
(86)	European Application Nr.	12196539.6
(86)	European Filing Date	2008.12.04
(87)	The European Application's Publication Date	2013.09.18
(30)	Priority	2007.12.07, US, 12181 P 2008.10.30, US, 109573 P
(84)	Designated Contracting States:	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
	Designated Extension States:	AL BA RS
(62)	Divided application	EP2231606, filing data 2008.12.04
(73)	Proprietor	Vertex Pharmaceuticals Incorporated, 50 Northern Avenue, Boston, MA 02210, US-USA
(72)	Inventor	Siesel, David, 11145 Papoose Ct., San Diego, CA California 92127, US-USA
(74)	Agent or Attorney	Oslo Patentkontor AS, Postboks 7007 Majorstua, 0306 OSLO, Norge

(54)	Title	Process for producing cycloalkylcarboxiamido-pyridine benzoic acids
(56)	References Cited:	EP-A1- 1 026 149 WO-A-2007/056341 WO-A1-2007/054480 MATHE S ET AL: "Synthesis of 1,1,1-Ethanetriacetonitrile, Precursor of 6-Substituted-4-methyl-2-aminopyridines", TETRAHEDRON LETTERS, ELSEVIER, AMSTERDAM, NL, vol. 39, no. 5-6, 29 January 1998 (1998-01-29), pages 383-384, XP004100878, ISSN: 0040-4039, DOI: 10.1016/S0040-4039(97)10596-2 YIN JINGJUN ET AL: "A general and efficient 2-amination of pyridines and quinolines", JOURNAL OF ORGANIC CHEMISTRY, vol. 72, no. 12, June 2007 (2007-06), pages 4554-4557, XP002514944, ISSN: 0022-3263

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. Forbindelse med formel 6b:



hvor

- 5 R er H, C₁₋₆-alifatisk forbindelse, aryl, aralkyl, heteroaryl, cykloalkyl eller heterocykloalkyl;

R₁ er uafhængig valgt fra R^J, -OR^J, N(R^J)₂, -NO₂, halogen, -CN, -C₁₋₄-halogenalkyl, -C₁₋₄-halogenalkoksy, -C(O)N(R^J)₂, -NR^JC(O)R^J, -SOR^J, -SO₂R^J, -SO₂N(R^J)₂, -NR^JSO₂R^J, -COR^J, -CO₂R^J, -NR^JSO₂N(R^J)₂, -COCOR^J;

- 10 R₂ er -CO₂R^J;

R^J er C₁₋₆-alifatisk forbindelse;

o er et heltall fra og med 0 til og med 3; og

p er 1.

2. Forbindelse ifølge krav 1, som har strukturen:

