

Title (en)

PROCESSES FOR PREPARING PHOSPHORODIAMIDATE MORPHOLINO OLIGOMERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PHOSPHORODIAMIDAT-MORPHOLINO-OLIGOMEREN

Title (fr)

PROCÉDÉS DE PRÉPARATION D'OLIGOMÈRES MORPHOLINO DE PHOSPHORODIAMIDATE

Publication

EP 3463389 A4 20200219 (EN)

Application

EP 17803760 A 20170630

Priority

- US 201662357153 P 20160630
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- US 2017040311 W 20170630

Abstract (en)

[origin: WO2017205879A2] Provided herein are processes for preparing an oligomer (e.g., a morpholino oligomer). The synthetic processes described herein may be advantageous to scaling up oligomer synthesis while maintaining overall yield and purity of a synthesized oligomer.

IPC 8 full level

C07F 9/6558 (2006.01); **C07F 9/6561** (2006.01)

CPC (source: EP KR)

A61P 21/00 (2017.12 - EP); **C07F 9/6583** (2013.01 - EP KR); **C07F 9/65616** (2013.01 - EP KR); **A61K 48/00** (2013.01 - KR)

Citation (search report)

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- [I] WO 2014153240 A2 20140925 - SAREPTA THERAPEUTICS INC [US]
- [I] WO 2011150408 A2 20111201 - AVI BIOPHARMA INC [US], et al
- [A] VIRTA P ET AL: "Solid-supported synthesis of oligomeric bioconjugates", TETRAHE, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 59, no. 28, 7 July 2003 (2003-07-07), pages 5137 - 5174, XP004434882, ISSN: 0040-4020, DOI: 10.1016/S0040-4020(03)00704-X
- See references of WO 2017205879A2

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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CA 3024153 A1 20171130; CN 109152792 A 20190104; CN 109152792 B 20210914; CO 2018013831 A2 20181228; EP 3463389 A2 20190410;
EP 3463389 A4 20200219; JP 2019518748 A 20190704; JP 7022079 B2 20220217; KR 102523522 B1 20230420; KR 20190020674 A 20190304;
MX 2018014160 A 20190401; SG 11201809502Y A 20181228

DOCDB simple family (application)

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MX 2018014160 A 20170630; SG 11201809502Y A 20170630