

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM616118

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	INTELLECTUAL PROPERTY SECURITY AGREEMENT		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
REMPEX PHARMACEUTICALS, INC.		12/22/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Silicon Valley Bank		
Street Address:	3003 Tasman Drive, HF 150		
City:	Santa Clara		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	4777486	CARBAVANCE	
CORRESPONDENCE DATA			
Fax Number:			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	2023704750		
Email:	ipteam@cogencyglobal.com		
Correspondent Name:	Jennifer Tindie		
Address Line 1:	1025 Vermont Ave NW, Suite 1130		
Address Line 2:	COGENCY GLOBAL INC.		
Address Line 4:	Washington, D.C. 20005		
ATTORNEY DOCKET NUMBER:	1306975 Rempex TM		
NAME OF SUBMITTER:	Sarah Mackin		
SIGNATURE:	/Sarah Mackin/		
DATE SIGNED:	12/22/2020		
Total Attachments: 24			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this “Agreement”) is entered into as of December 22, 2020, by and between SILICON VALLEY BANK, a California corporation (“Bank”) and REMPEX PHARMACEUTICALS, INC., a Delaware corporation (“Grantor”).

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the “Loans”) in the amounts and manner set forth in that certain Loan and Security Agreement by and among Bank, Grantor, MELINTA THERAPEUTICS, LLC, a Delaware limited liability company, MELINTA SUBSIDIARY CORP., a Delaware corporation, and TARGANTA THERAPEUTICS CORPORATION, a Delaware corporation, dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the “Loan Agreement”; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, and Patents (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor’s obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. Subject to the terms and conditions of the Loan Agreement, to secure Grantor’s obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “Intellectual Property Collateral”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “Copyrights”);

(b) Any and all trade secrets and trade secret rights, including, without limitation, any rights to unpatented inventions, know-how and operating manuals now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) [Reserved];

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, or Trademarks and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, or Patents; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding anything to the contrary herein, the Intellectual Property Collateral shall not include any United States intent-to-use trademark or service mark applications filed pursuant to Section 1(b) of the Lanham Act, 15 U.S.C. § 1051, at all times prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto with the United States Patent and Trademark Office or otherwise.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials of the United States to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a

duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.


7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of New York, without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

REMPEX PHARMACEUTICALS, INC.

By: 

Christine Ann Miller

Title: President and Chief Executive Officer

BANK:

SILICON VALLEY BANK

By: _____

Title: _____

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

REMPEX PHARMACEUTICALS, INC.

By: _____

Title: _____

BANK:

SILICON VALLEY BANK

By: Alan C. C.

Title: Director

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

None.

EXHIBIT B

Patents

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Albania	18183968.9	8-Aug-2011	3412676	12-Feb-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Albania	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Apparatus and continuous flow process for production of boronic acid derivative	Algeria	190402	31-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Algeria	190408	8-Jan-2018		
Tetracycline compositions	Australia	2011252919	12-May-2011	2011252919	4-May-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Australia	2011289615	8-Aug-2011	2011289615	20-Aug-2015
METHODS OF TREATING BACTERIAL INFECTIONS	Australia	2018205327	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Australia	2016252555	20-Apr-2016		
Tetracycline compositions	Austria	11781314.7	12-May-2011	2568987	16-Nov-2016
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Austria	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Belgium	11781314.7	12-May-2011	2568987	16-Nov-2016
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Belgium	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Brazil	BR1120120285246	12-May-2011		
Apparatus and continuous flow process for production of boronic acid derivative	Brazil	BR112019015577-5	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND	Brazil	BR 11 2013 003045 3	8-Aug-2011		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
THERAPEUTIC USES THEREOF					
METHODS OF TREATING BACTERIAL INFECTIONS	Brazil	BR112019014089-1	8-Jan-2018		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Bulgaria	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Co-Administration of Minocycline and Colistin to Reduce Acute Kidney Injury	Canada	3071096	8-Jan-2018		
Apparatus and continuous flow process for production of boronic acid derivative	Canada	3052277	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Canada	2807546	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	Canada	3048650	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Canada	2982911	20-Apr-2016		
Tetracycline compositions	Canada	2799079	12-May-2011	2799079	15-Jan-2019
Apparatus and continuous flow process for production of boronic acid derivative	Chile	01209-2020	31-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Chile	01886-2020	8-Jan-2018		
Apparatus and continuous flow process for production of boronic acid derivative	Chile	02164-2019	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Chile	399-2013	8-Aug-2011	57.867	23-May-2019
METHODS OF TREATING BACTERIAL INFECTIONS	Chile	01918-2019	8-Jan-2018		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
Tetracycline compositions	Chile	3168-2012	12-May-2011	CL56.663	7-Nov-2018
Apparatus and continuous flow process for production of boronic acid derivative	China	2018800129127	31-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	China	201880006135.5	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	China	201680023884.X	20-Apr-2016		
Apparatus and continuous flow process for production of boronic acid derivatives	China P.R.	201580072622.8	9-Dec-2015	ZL201580072622.8	31-May-2019
Cyclic boronic acid ester derivatives and therapeutic uses thereof	China P.R.	201180046975.2	8-Aug-2011	ZL201180046975.2	26-Oct-2016
Tetracycline compositions	China P.R.	201180033194.X	12-May-2011	ZL201180033194.X	6-Jul-2016
Apparatus and continuous flow process for production of boronic acid derivative	Colombia	0000000	31-Jan-2018		
Apparatus and continuous flow process for production of boronic acid derivative	Colombia	NC2019/0009018	31-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Colombia	NC2019/0008575	8-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Croatia	18183968.9	8-Aug-2011	3412676	12-Feb-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Croatia	S20200017A	10-Jul-2020		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Croatia	S20200016A	10-Jul-2020		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Croatia	15788682.1	30-Apr-2015	3140310	7-Aug-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Cyprus, Republic of	18183968.9	8-Aug-2011	3412676	12-Feb-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Cyprus, Republic of	0000000	10-Jul-2020		
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Cyprus, Republic of	0000000	10-Jul-2020		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Cyprus, Republic of	15788682.1	30-Apr-2015	3140310	7-Aug-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Czech Republic	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Czech Republic	11781314.7	12-May-2011	2568987	16-Nov-2016
Tetracycline compositions	Denmark	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivative	Egypt	1215/2019	31-Jan-2018		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
Co-Administration of Minocycline and Colistin to Reduce Acute Kidney Injury	EP	18736291.8	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	EP	16783764.0	20-Apr-2016		
SYNTHESIS OF BORONATE SALTS	Europe	19186092.3	30-Apr-2015		
Tetracycline compositions	Europe	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivatives	Europe	15870720.8	9-Dec-2015	3233869	25-Sep-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Europe	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
Salts and polymorphs of cyclic boronic acid ester derivatives and therapeutic uses thereof	Europe	15788658.1	29-Apr-2015		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Europe	15788682.1	30-Apr-2015	3140310	7-Aug-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Finland	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Finland	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivatives	France	15870720.8	9-Dec-2015	3233869	25-Sep-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	France	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	France	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivatives	Germany	15870720.8	9-Dec-2015	3233869	25-Sep-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Germany	15788682.1	30-Apr-2015	3140310	7-Aug-2019

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Germany	122019000027.5	28-Mar-2019		
Tetracycline compositions	Germany	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Greece	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Greece	15788682.1	30-Apr-2015	3140310	7-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Greece	20190800016	28-Mar-2019		
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Greece	20190800017	28-Mar-2019		
Tetracycline compositions	Greece	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivative	Hong Kong	62020008149	31-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Hong Kong	62020007455.2	8-Jan-2018		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Hong Kong	42020013257.9	30-Apr-2015		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Hong Kong	13113312.9	8-Aug-2011	HK1185883	12-Jul-2019

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Hong Kong	19124876.4	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	Hong Kong	18109076.8	20-Apr-2016		
Co-Administration of Minocycline and Colistin to Reduce Acute Kidney Injury	Hong Kong	62020009940	8-Jan-2018		
Tetracycline compositions	Hong Kong	13107808.2	12-May-2011	HK1180586	5-May-2017
Tetracycline compositions	Hungary	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Hungary	18183968.9	8-Aug-2011	3412676	12-Feb-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Hungary	15788682.1	30-Apr-2015	3140310	7-Aug-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Iceland	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	India	9794/DELNP/2012	12-May-2011		
Apparatus and continuous flow process for production of boronic acid derivatives	India	201717025004	9-Dec-2015		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	India	1146/DELNP/2013	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	India	201937030366	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Indonesia	PID201906867	8-Jan-2018		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
Tetracycline compositions	Ireland	11781314.7	12-May-2011	2568987	16-Nov-2016
Tetracycline compositions	Israel	222896	12-May-2011	222896	1-Jul-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Israel	224564	8-Aug-2011	224564	29-May-2017
Tetracycline compositions	Italy	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Italy	18183968.9	8-Aug-2011	3412676	12-Feb-2020
Apparatus and continuous flow process for production of boronic acid derivatives	Italy	15870720.8	9-Dec-2015	3233869	25-Sep-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Italy	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Italy	132019000000049	28-Mar-2019	132019000000049	19-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Italy	132019000000051	28-Mar-2019	132019000000051	19-Aug-2019
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Italy	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Japan	2013-510322	12-May-2011	6025712	21-Oct-2016
Apparatus and continuous flow process for production of boronic acid derivative	Japan	2019-562237	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND	Japan	2013-524151	8-Aug-2011	6266978	5-Jan-2018

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
THERAPEUTIC USES THEREOF					
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Japan	2016-234146	8-Aug-2011	6602742	18-Oct-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Japan	2019-185991	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	Japan	2019-537269	8-Jan-2018		
METHODS OF TREATING BACTERIAL INFECTIONS	Japan	2017-555494	20-Apr-2016		
Apparatus and continuous flow process for production of boronic acid derivative	Jordan	PCT/JO/2019/188	31-Jan-2018		
Tetracycline compositions	Korea (South)	10-2012-7031982	12-May-2011	10-1799304	14-Nov-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Korea (South)	10-2013-7005086	8-Aug-2011	10-1987091	3-Jun-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Korea (South)	10-2019-7015866	8-Aug-2011	10-2087313	4-Mar-2020
METHODS OF TREATING BACTERIAL INFECTIONS	Korea (South)	10-2019-7023321	8-Jan-2018		
METHODS FOR PREPARING CYCLIC BORONIC ACID ESTER DERIVATIVES	Korea, Republic of	10-2020-7006463	8-Aug-2011		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Laos	PT234	8-Aug-2011		
Tetracycline compositions	Liechtenstein	11781314.7	12-May-2011	2568987	16-Nov-2016

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Lithuania	15788682.1	30-Apr-2015	3140310	7-Aug-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Malaysia	PI 2013000386	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	Malaysia	PI2019003938	8-Jan-2018		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Malta	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Mexico	MX/a/2012/012993	12-May-2011	347919	17-May-2017
Apparatus and continuous flow process for production of boronic acid derivative	Mexico	MX/a/2019/009136	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Mexico	MX/a/2013/001517	8-Aug-2011	348653	21-Jun-2017
METHODS OF TREATING BACTERIAL INFECTIONS	Mexico	MX/a/2019/008281	8-Jan-2018		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Monaco	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Netherlands	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Netherlands	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Netherlands	15788682.1	30-Apr-2015	3140310	7-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Netherlands	300978	28-Mar-2019		

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Netherlands	300977	28-Mar-2019		
Tetracycline compositions	New Zealand	707329	12-May-2011	707329	5-Jan-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	New Zealand	607354	8-Aug-2011	607354	1-May-2015
METHODS OF TREATING BACTERIAL INFECTIONS	New Zealand	755141	8-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	North Macedonia	18183968.9	8-Aug-2011	3412676	12-Feb-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	North Macedonia	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Norway	11781314.7	12-May-2011	2568987	16-Nov-2016
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Norway	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Methods of Treating Bacterial Infections with Minocycline	PCT	PCT/US19/029271	26-Apr-2019		
METHODS OF TREATING BACTERIAL INFECTIONS	Philippines	1/2019/501606	8-Jan-2018		
Tetracycline compositions	Poland	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Poland	18183968.9	8-Aug-2011	3412676	12-Feb-2020

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CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Poland	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Poland	15788682.1	30-Apr-2015	3140310	7-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Poland	DPO.0565	29-Mar-2019		
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Poland	DPO.0564	28-Mar-2019		
Tetracycline compositions	Portugal	11781314.7	12-May-2011	2568987	16-Nov-2016
Tetracycline compositions	Romania	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Romania	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Romania	15788682.1	30-Apr-2015	3140310	7-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Romania	c 2019 016	29-Mar-2019		
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Romania	c 2019 015	29-Mar-2019		
Tetracycline compositions	Russian Federation	2012147527	12-May-2011	2647972	21-Mar-2018

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CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Russian Federation	2013104951	8-Aug-2011	2599791	21-Sep-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	San Marino	18183968.9	8-Aug-2011	3412676	12-Feb-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	San Marino	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Apparatus and continuous flow process for production of boronic acid derivative	Saudi Arabia	519402378	31-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Serbia	18183968.9	8-Aug-2011	3412676	12-Feb-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Serbia	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Singapore	201208290-5	12-May-2011	185513	25-Oct-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Singapore	2013009378	8-Aug-2011	187757	5-Oct-2018
METHODS OF TREATING BACTERIAL INFECTIONS	Singapore	11201906226Y	8-Jan-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Slovakia	18183968.9	8-Aug-2011	3412676	12-Feb-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Slovakia	PDO8-2020	13-Jul-2020		

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VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Slovakia	PDO-9-2020	13-Jul-2020		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Slovakia	15788682.1	30-Apr-2015	3140310	7-Aug-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Slovenia	18183968.9	8-Aug-2011	3412676	12-Feb-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Slovenia	C202040021	9-Jul-2020	C202040021	26-Aug-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Slovenia	C202040020	9-Jul-2020	C202040020	14-Sep-2020
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Slovenia	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	South Africa	2012/08466	12-May-2011	2012/08466	19-Dec-2018
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	South Africa	2013/01014	8-Aug-2011	2013/01014	30-Oct-2013
Tetracycline compositions	Spain	11781314.7	12-May-2011	2568987	16-Nov-2016
CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND	Spain	18183968.9	8-Aug-2011	3412676	12-Feb-2020

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
THERAPEUTIC USES THEREOF					
Apparatus and continuous flow process for production of boronic acid derivatives	Spain	15870720.8	9-Dec-2015	3233869	25-Sep-2019
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Spain	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Spain	15788682.1	30-Apr-2015	3140310	7-Aug-2019
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF	Spain	201930023	28-Mar-2019	201930023	29-Jan-2020
VABORBACTAM AND/OR A SALT AND/OR HYDRATE THEREOF, AND MEROPENEM, AND/OR A SALT AND/OR HYDRATE THEREOF, IN PARTICULAR MEROPENEM TRIHYDRATE	Spain	201930022	28-Mar-2019	201930022	29-Jan-2020
Tetracycline compositions	Sweden	11781314.7	12-May-2011	2568987	16-Nov-2016
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Sweden	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Tetracycline compositions	Switzerland	11781314.7	12-May-2011	2568987	16-Nov-2016
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Switzerland	15788682.1	30-Apr-2015	3140310	7-Aug-2019
METHODS OF TREATING BACTERIAL INFECTIONS	Taiwan	107134824	2-Oct-2018		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Thailand	1301000670	8-Aug-2011		
METHODS OF TREATING BACTERIAL INFECTIONS	Thailand	1901004236	8-Jan-2018		
Tetracycline compositions	Turkey	11781314.7	12-May-2011	2568987	16-Nov-2016

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CYCLIC BORONIC ACID ESTER DERIVATIVES, METHOD FOR THE PREPARATION AND THERAPEUTIC USES THEREOF	Turkey	18183968.9	8-Aug-2011	3412676	12-Feb-2020
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Turkey	11816882.2	8-Aug-2011	EP2603514	18-Jul-2018
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	Turkey	15788682.1	30-Apr-2015	3140310	7-Aug-2019
Apparatus and continuous flow process for production of boronic acid derivative	United Arab Emirates	P6001091/2019	31-Jan-2018		
Tetracycline compositions	United Kingdom	11781314.7	12-May-2011	2568987	16-Nov-2016
Apparatus and continuous flow process for production of boronic acid derivative	United States	16/482195	30-Jul-2019		
METHODS OF TREATING BACTERIAL INFECTIONS	United States	16/474487	27-Jun-2019		
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	United States of America	16/746574	17-Jan-2020		
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	United States of America	16/530625	2-Aug-2019	10669292	2-Jun-2020
Tetracycline compositions	USA	16/287639	27-Feb-2019		
Tetracycline compositions	USA	13/654018	17-Oct-2012	9278105	8-Mar-2016
Tetracycline compositions	USA	14/204881	11-Mar-2014	9084802	21-Jul-2015
THERAPEUTIC USES OF PHARMACEUTICAL COMPOSITIONS COMPRISING CYCLIC BORONIC ACID ESTER DERIVATIVES	USA	16/828859	24-Mar-2020		
Apparatus and continuous flow process for production of boronic acid derivatives	USA	15/537378	16-Jun-2017	10364257	30-Jul-2019

<u>Description</u>	<u>Country</u>	<u>Application No.</u>	<u>Filing/ Priority Date</u>	<u>Patent No.</u>	<u>Grant Date</u>
Cyclic boronic acid ester derivatives and therapeutic uses thereof	USA	13/205112	8-Aug-2011	8680136	25-Mar-2014
Cyclic boronic acid ester derivatives and therapeutic uses thereof	USA	13/953647	29-Jul-2013	9296763	29-Mar-2016
Cyclic boronic acid ester derivatives and therapeutic uses thereof	USA	15/015002	3-Feb-2016	9694025	4-Jul-2017
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	USA	13/843579	15-Mar-2013	10561675	18-Feb-2020
METHODS OF TREATING BACTERIAL INFECTIONS	USA	16/029388	6-Jul-2018		
Pharmaceutical Compositions Comprising Cyclic Boronic Acid Ester Derivatives	USA	15/935862	26-Mar-2018	10172874	8-Jan-2019
Salts and polymorphs of cyclic boronic acid ester derivatives and therapeutic uses thereof	USA	15/309425	7-Nov-2016	9687497	27-Jun-2017
SYNTHESIS OF BORONATE SALTS AND USES THEREOF	USA	15/305954	21-Oct-2016	10385074	20-Aug-2019
Therapeutic Uses of Pharmaceutical Compositions Comprising Cyclic Boronic Acid Ester Derivatives	USA	15/935782	26-Mar-2018	10183034	22-Jan-2019
Therapeutic Uses of Pharmaceutical Compositions Comprising Cyclic Boronic Acid Ester Derivatives	USA	16/188,982	13-Nov-2018	10639318	5-May-2020
Patent - Vabomere - CYCLIC BORONIC ACID ESTER DERIVATIVES AND METHODS OF MAKING THE SAME	USA	15/624473	15-Jun-2017	10004758	26-Jun-2018
CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF	Vietnam	1-2013-00725	8-Aug-2011	19985	1-Oct-2018

EXHIBIT C

Trademarks

<u>Trademark</u>	<u>Country</u>	<u>Application #</u>	<u>Application Date</u>	<u>Registration #</u>	<u>Registration Date</u>
CARBAVANCE	USA	85595007	04/11/2012	4777486	07/21/2015

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