

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emilie Jolibois</td> <td>09/11/2013</td> </tr> <tr> <td>Emma Sharp</td> <td>08/27/2013</td> </tr> <tr> <td>Fiona Dubas-Fisher</td> <td>08/27/2013</td> </tr> <tr> <td>Alex Eberlin</td> <td>08/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Emilie Jolibois	09/11/2013	Emma Sharp	08/27/2013	Fiona Dubas-Fisher	08/27/2013	Alex Eberlin	08/28/2013
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Emilie Jolibois	09/11/2013										
Emma Sharp	08/27/2013										
Fiona Dubas-Fisher	08/27/2013										
Alex Eberlin	08/28/2013										
RECEIVING PARTY DATA											
Name:	Sigma-Aldrich Company Ltd.										
Street Address:	250 Cambridge Science Park										
Internal Address:	Milton Road										
City:	Cambridge, Cambridgeshire										
State/Country:	UNITED KINGDOM										
Postal Code:	CB4 0WE										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13919734</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13919734						
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Application Number:	13919734										
CORRESPONDENCE DATA											
Fax Number:	6175422241										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	35147-517001US										
NAME OF SUBMITTER:	Heidi A. Erlacher										

OP \$40.00 13919734

Signature:	/Heidi A. Erlacher/
Date:	09/20/2013
Total Attachments: 5 source=35147-517001US Inventors to Sigma-Aldrich Assignment#page1.tif source=35147-517001US Inventors to Sigma-Aldrich Assignment#page2.tif source=35147-517001US Inventors to Sigma-Aldrich Assignment#page3.tif source=35147-517001US Inventors to Sigma-Aldrich Assignment#page4.tif source=35147-517001US Inventors to Sigma-Aldrich Assignment#page5.tif	

ASSIGNMENT

We, **Emilie Jolibois, Emma Sharp, Fiona Dubas-Fisher, and Alex Eberlin**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Sigma-Aldrich Company Ltd.** with offices at **250 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WE, United Kingdom** and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

PREPARATION AND USES OF OBETICHOLIC ACID

filed with the U.S. Patent and Trademark Office on **June 17, 2013** and assigned International Application No. **PCT/US2013/046150** or U.S. Application No. **13/919,734**, including any subsequently filed utility applications, which claim priority to International Application No. **PCT/US2013/046150** or U.S. Application No. **13/919,734**, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 11/09/2013


Signature of: **EMILIE JOLIBOIS**

IN WITNESS WHEREOF, I, Frederic POISSON, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)

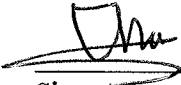
Date: 11/09/2013

IN WITNESS WHEREOF, I, Padcale RUBERTI, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

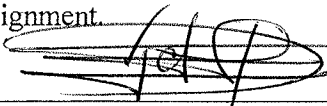
(Signature of Witness)

Date: 11/09/2013

Date: 27th August 2013 
Signature of: EMMA SHARP

IN WITNESS WHEREOF, I, VICTOR DIAZ, hereby declare
(Printed Name of Witness)


that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)

Date: 27th Aug 2013

IN WITNESS WHEREOF, I, ADRIAN ST CLAIR BROWN, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)


Date: 27/AUG/13

Date: 27 Aug 13


Signature of: FIONA DUBAS-FISHER

IN WITNESS WHEREOF, I, VICTOR DIAZ, hereby declare
(Printed Name of Witness)

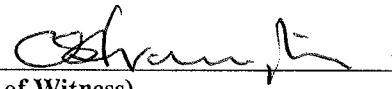
that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)

Date: 27th Aug 2013

IN WITNESS WHEREOF, I, CHRISTOPHER FRAMPTON, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)

Date: 27th AUG 2013

Date: 28th August 2013

Alex Eberlin
Signature of: ALEX EBERLIN

IN WITNESS WHEREOF, I, VICTOR DIAZ, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

[Signature]
(Signature of Witness)

Date: 28th August 2013

IN WITNESS WHEREOF, I, ADRIANA ST CLAIR BROWN, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

[Signature]
(Signature of Witness)

Date: 28th August 2013