

ASSET LIST

LOT 114: UNIQUE OPIOID AND OPIOID ANTAGONIST MOLECULES AND MANUFACTURING PROCESS PATENTS FOR SALE

114号专利包：独特的阿片类药物制备工艺专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 114 consists of 40 patents covering multiple jurisdictions including the U.S., Canada, China, Japan, Europe, South Africa, Mexico, etc. This portfolio is being sold by Brock University and provides the manufacturing process of novel opioid molecules for pain management as well as naloxone-like molecule to treat opioid overdose. The present invention is cost effective, and holds immense commercial potential for pharmaceutical companies, generic pharmaceutical manufacturers, biotechnology companies and research institutes.

Ocean Tomo Bid-Ask™市场114号专利包包含40项专利，覆盖如下司法辖区- 美国、加拿大、中国、日本、欧洲、南非、墨西哥等等。该专利由加拿大布鲁克大学出售，提供了用于止痛的新型阿片类药物分子的生产工艺，以及治疗阿片类药物过量的纳洛酮样分子的生产工艺。本发明成本低廉。对于制药公司、仿制药制造商、生物科技公司 and 研究机构具有巨大商业价值。

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NO. NO.	PUBLICATION NO. 公开号	PATENT TITLE 专利名称	PRIMARY IP CLASS IPC主分类号	PRIORITY DATE 优先权日	FILE DATE 申请日	ISSUE/PUBLICATION DATE 公开日	NO. OF FORWARD CITATIONS 前引数量
1	MX201000073	Methods for n-demethylation of morphine and tropane alkaloids 吗啡和托烷生物碱的去甲基化方法	C07D 489/02	6/29/07	6/30/08	4/21/10	0
2	US7935820	Methods for n-demethylation of morphine and tropane alkaloids 吗啡和托烷生物碱的去甲基化方法	C07D 489/02	6/29/07	6/29/07	5/3/11	5
3	CA2692433 C	Methods for n-demethylation of morphine and tropane alkaloids 吗啡和托烷生物碱的去甲基化方法	C07D 489/02	6/29/07	6/30/08	1/8/09	0
4	ES2584028	Methods for n-demethylation of morphine and tropane alkaloids 吗啡和托烷生物碱的去甲基化方法	C07D 489/02	6/29/07	6/30/08	9/23/16	0
5	MX201000072	Methods for one-pot n-demethylation/n-acylation of morphine and tropane alkaloids 吗啡和托烷生物碱的脱甲基/正酰化方法	C07D 489/02	6/29/07	6/30/08	4/21/10	0
6	US7999104	Methods for one-pot n-demethylation/n-acylation of morphine and tropane alkaloids 吗啡和托烷生物碱的脱甲基/正酰化方法	C07D 489/02	6/29/07	06/29/07	8/16/11	8
7	ES2435555	Methods for n-demethylation / n-acylation in a single reactor of morphine and tropane alkaloids 在吗啡和托烷生物碱的单个反应器中进行正脱甲基/正酰化的方法	C07D 489/02	6/29/07	6/30/08	12/20/13	0
8	CA2692426 C	Methods for one-pot n-demethylation/n-acylation of morphine and tropane alkaloids 吗啡和托烷生物碱的脱甲基/正酰化方法	C07D 489/02	6/29/07	6/30/08	4/7/15	0
9	MX2011011245	Processes for the preparation of morphinane and morphinone compounds 吗啡烷和吗啡酮化合物的制备方法	C07D 489/08	4/24/09	4/22/10	4/11/12	0
10	US8853401	Processes for the preparation of morphinane and morphinone compounds 吗啡烷和吗啡酮化合物的制备方法	C07D 489/02	4/24/09	4/22/10	10/7/14	0
11	IL215553	Processes for the preparation of morphinane and morphinone compounds 吗啡烷和吗啡酮化合物的制备方法	C07D 489/02	4/24/09	10/5/11	1/29/15	0
12	US8962841	Methods for one-pot n-demethylation/n-functionalization of morphine and tropane alkaloids 吗啡和托烷生物碱的脱甲基/正官能化方法	A61K 31/44	6/29/07	7/8/11	2/24/15	3
13	US9340550 B2	Methods for one-pot n-demethylation/n-functionalization of morphine and tropane alkaloids 吗啡和托烷生物碱的脱甲基/正官能化方法	A61K 31/44	6/29/07	1/30/15	5/17/16	0
14	US8957072 B2	Processes and intermediates in the preparation of morphine analogs via n-demethylation of n-oxides using cyclodehydration reagents 用环脱水试剂通过n-氧化物的n-去甲基化制备吗啡类似物的方法	A61K 31/54	5/2/11	5/2/12	2/17/15	2
15	US9045497 B1	Processes and intermediates in the preparation of morphine analogs via n-demethylation of n-oxides using cyclodehydration reagents 用环脱水试剂通过n-氧化物的n-去甲基化制备吗啡类似物的方法和媒介	C07D 471/00	5/2/11	1/7/15	6/2/15	0
16	ZA201309199 B	Processes and intermediates in the preparation of morphine analogs via n-demethylation of n-oxides using cyclodehydration reagents 用环脱水试剂通过n-氧化物的n-去甲基化制备吗啡类似物的方法和媒介		5/2/11	11/28/13	2/25/15	0
17	CN105924455 A	Processes and intermediates in the preparation of morphine analogs via n-demethylation of n-oxides by using cyclodehydration reagents 用环脱水试剂通过正氧化物的正甲基化制备吗啡类似物的方法和媒介	C07D 498/18	5/2/11	5/2/12	9/7/16	0
18	JP6046119 B2	Methods and intermediates in the preparation of morphine analogs by n-demethylation of n-oxides using dehydrating cyclization reagents 用脱水环化试剂通过正氧化物的n-去甲基化制备吗啡类似物的方法和媒介	C07D 498/18	5/2/11	5/2/12	12/14/16	0
19	CA2833282 A1	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	11/15/12	5/4/12	0
20	CN103619847 A	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	5/4/12	3/5/14	0
21	US8946214 B2	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	A61K 31/535	5/6/11	5/4/12	2/3/15	3
22	US9108967 B2	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	A61K 31/535	5/6/11	12/16/14	8/18/15	1
23	ZA201309209 B	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法		5/6/11	12/3/13	10/29/14	0
24	EP2705040 B1	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	5/4/12	12/7/16	0
25	US9533993 B2	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	7/30/15	1/3/17	0
26	AU2012253188 B2	Process for the preparation of morphine analogs via metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	5/4/12	12/22/16	0
27	JP6121988 B2	Process for the preparation of morphine analogues by metal-catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	5/4/12	4/26/17	0
28	ES2613403 T3	Process of preparing morphine analogues by metal catalyzed n-demethylation/functionalization and intramolecular group transfer 通过金属催化的n-去甲基化/官能化和分子内基团转移制备吗啡类物质的方法	C07D 489/08	5/6/11	5/4/12	5/24/17	0
29	CA2863242 A1	Process for the preparation of morphine analogs via the reaction of organometallic reagents with an oxazolidine derived from morphinans 通过有机金属试剂与吗啡喃衍生的恶唑啉反应制备吗啡类物质的方法	C07D 489/08	2/3/12	1/30/13	8/8/13	0
30	US8981098 B2	Process for the preparation of morphine analogs via the reaction of organometallic reagents with an oxazolidine derived from morphinans 通过有机金属试剂与吗啡喃衍生的恶唑啉反应制备吗啡类物质的方法	C07D 489/08	2/3/12	1/30/13	3/17/15	0
31	JP2015506952 A	Method for producing morphine analogs by reaction of oxazolidine derived from morphinan with organometallic reagents 通过吗啡喃衍生的恶唑啉与有机金属试剂反应制备吗啡类物质的方法	C07D 489/08	2/3/12	1/30/13	3/5/15	0
32	CN104520302 A	Process for the preparation of morphine analogs via the reaction of organometallic reagents with an oxazolidine derived from morphinans 通过有机金属试剂与吗啡喃衍生的恶唑啉反应制备吗啡类物质的方法	C07D 489/08	2/3/12	1/30/13	4/15/15	0
33	IN2014DN07315 A	Process for the preparation of morphine analogs via the reaction of organometallic reagents with an oxazolidine derived from morphinans 通过有机金属试剂与吗啡喃衍生的恶唑啉反应制备吗啡类物质的方法	C07D 489/08	2/3/12	8/29/14	4/24/15	0
34	MX2014009353 A	Process for the preparation of morphine analogs via the reaction of organometallic reagents with an oxazolidine derived from morphinans 通过有机金属试剂与吗啡喃衍生的恶唑啉反应制备吗啡类物质的方法	C07D 489/08	2/3/12	1/30/13	11/6/15	0
35	CA2881229 A1	Methods for the preparation of hydromorphone 氢吗啡酮的制备方法	C07D 489/02	2/7/14	2/6/15	8/7/15	0
36	US9475823 B2	Methods for the preparation of hydromorphone 氢吗啡酮的制备方法	C07D 489/02	2/7/14	2/6/15	10/25/16	0
37	US9126965 B1	Process for preparing morphine compounds 吗啡化合物的制备方法	C07D 307/77	2/24/14	2/23/15	9/8/15	0
38	CA2882694 A1	Process for preparing morphine compounds 吗啡化合物的制备方法	C07D 307/91	2/24/14	2/23/15	8/24/15	0
39	CA2960046 A1	Process for preparing morphine compounds 吗啡化合物的制备方法	C07C 45/41	3/4/16	3/6/17	9/4/17	0
40	US10196337 B2	Processes for the preparation of hydroxylated cyclohexyl compounds 制备羟基化环己基化合物的方法	C07C 45/59	3/4/16	3/6/17	2/5/19	0