

【公報種別】特許法第17条の2の規定による補正の掲載
【部門区分】第7部門第2区分
【発行日】令和1年7月25日(2019.7.25)

【公表番号】特表2017-513220(P2017-513220A)
【公表日】平成29年5月25日(2017.5.25)
【年通号数】公開・登録公報2017-019
【出願番号】特願2016-559431(P2016-559431)
【国際特許分類】

H 0 1 L 51/50 (2006.01)

C 0 9 K 11/06 (2006.01)

【F I】

H 0 5 B 33/14 B

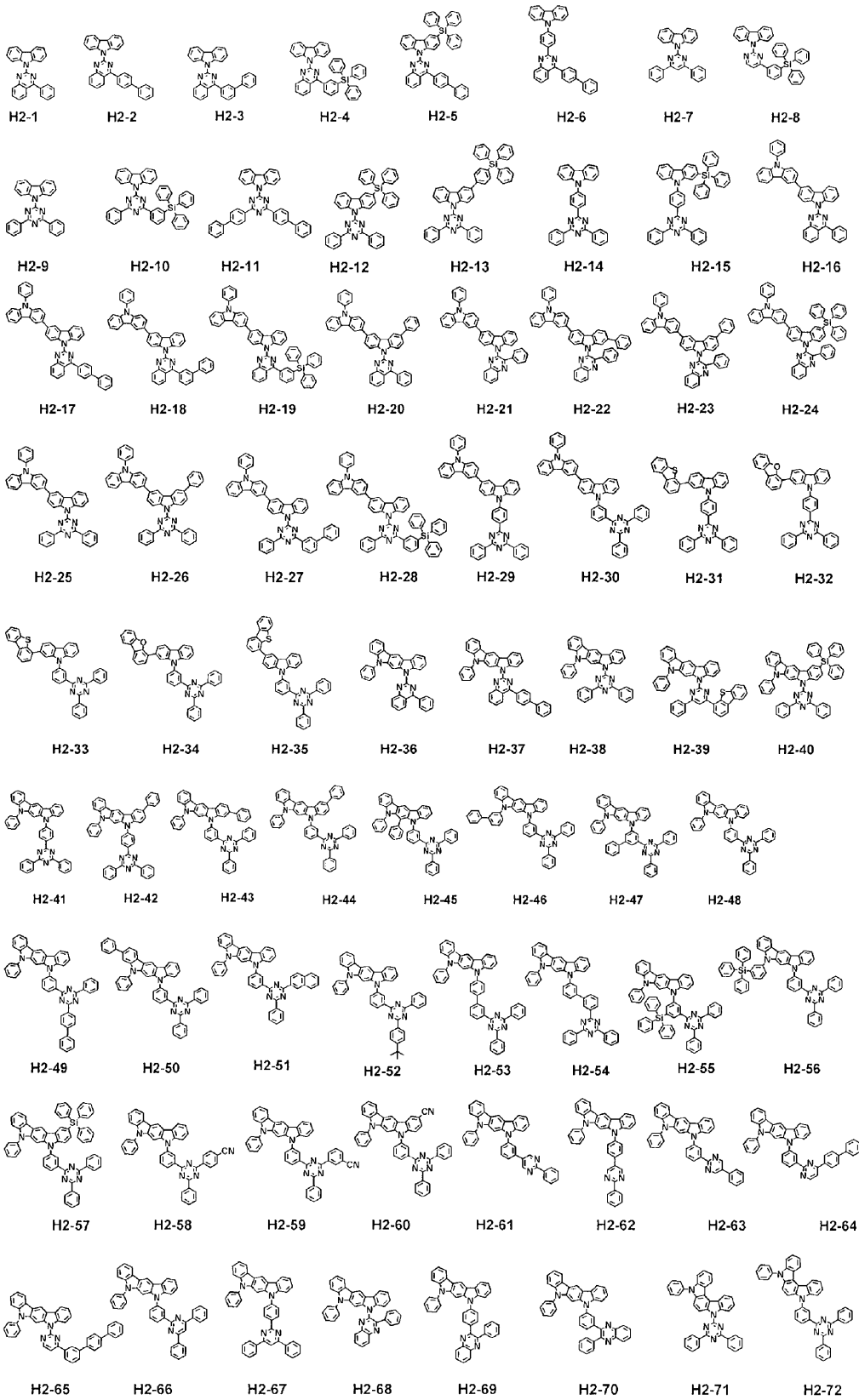
C 0 9 K 11/06 6 9 0

C 0 9 K 11/06 6 6 0

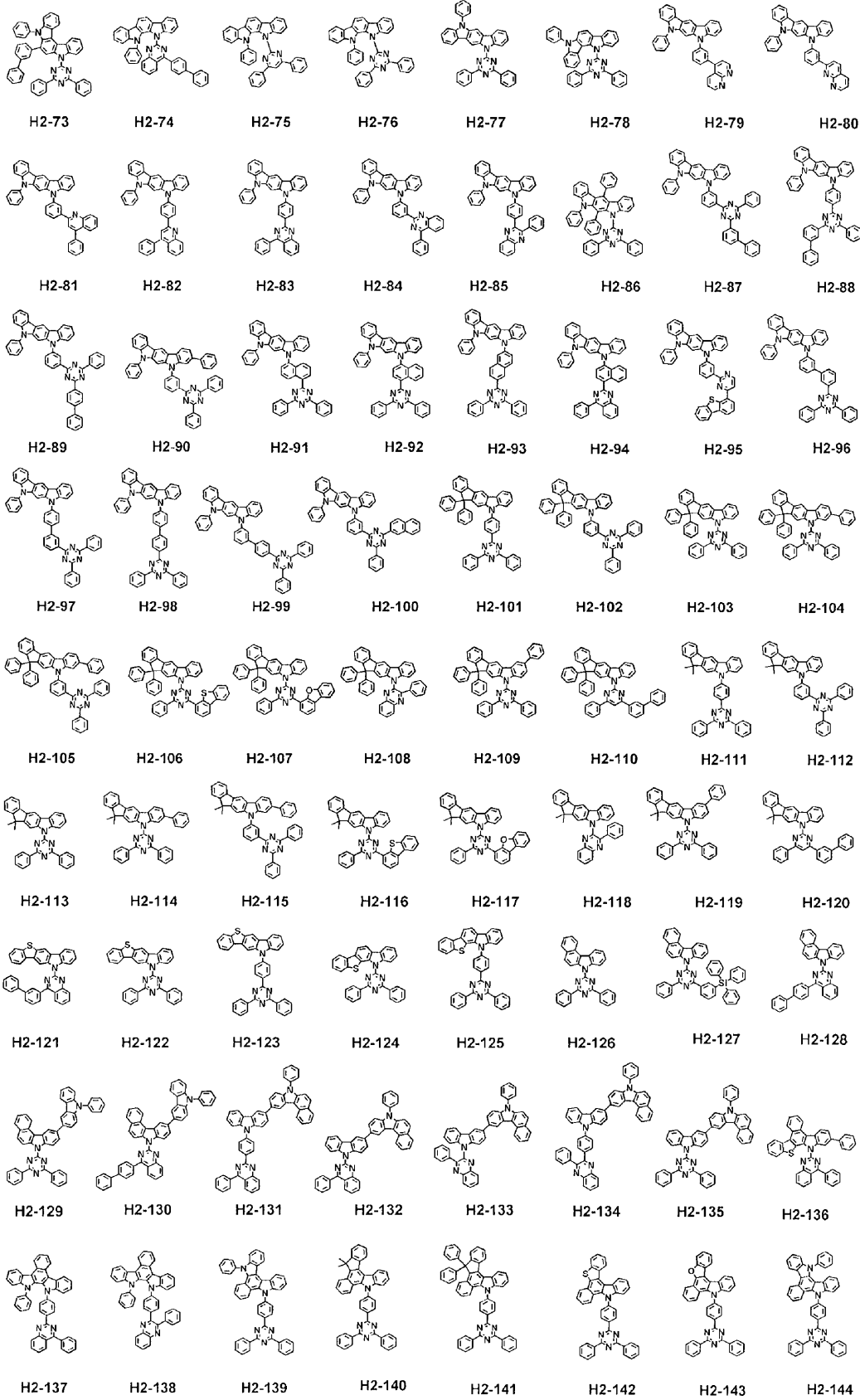
【誤訳訂正書】
【提出日】令和1年5月28日(2019.5.28)
【誤訳訂正1】
【訂正対象書類名】特許請求の範囲
【訂正対象項目名】請求項10
【訂正方法】変更
【訂正の内容】
【請求項10】

式2により表される前記化合物は、以下の化合物からなる群から選択される、請求項1に記載の有機電界発光デバイス:

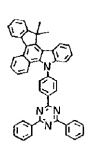
【化 6 - 1】



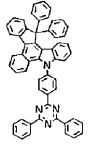
【化 6 - 2】



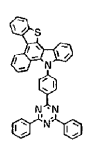
【化 6 - 3】



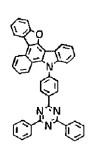
H2-145



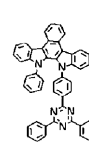
H2-146



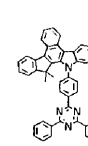
H2-147



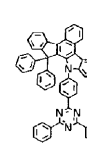
H2-148



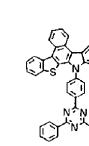
H2-149



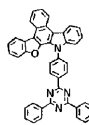
H2-150



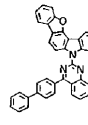
H2-151



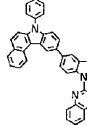
H2-152



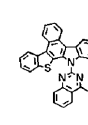
H2-153



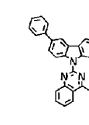
H2-154



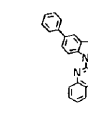
H2-155



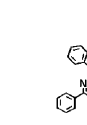
H2-156



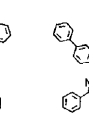
H2-157



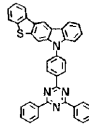
H2-158



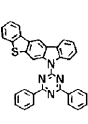
H2-159



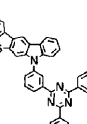
H2-160



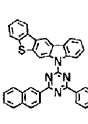
H2-161



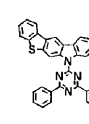
H2-162



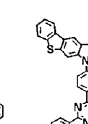
H2-163



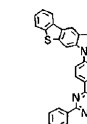
H2-164



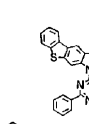
H2-165



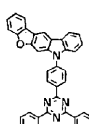
H2-166



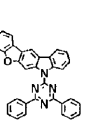
H2-167



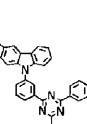
H2-168



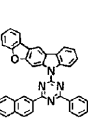
H2-169



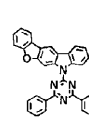
H2-170



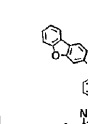
H2-171



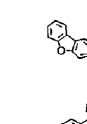
H2-172



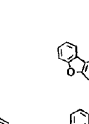
H2-173



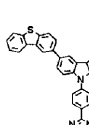
H2-174



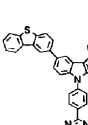
H2-175



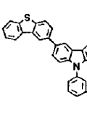
H2-176



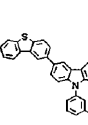
H2-177



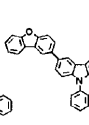
H2-178



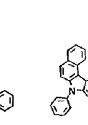
H2-179



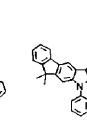
H2-180



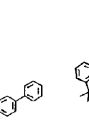
H2-181



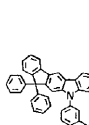
H2-182



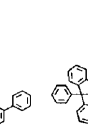
H2-183



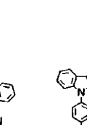
H2-184



H2-185



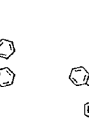
H2-186



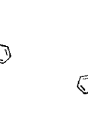
H2-187



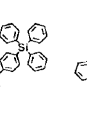
H2-188



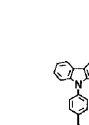
H2-189



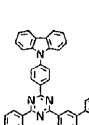
H2-190



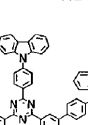
H2-191



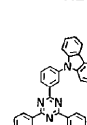
H2-192



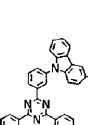
H2-193



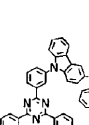
H2-194



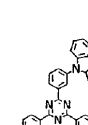
H2-195



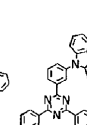
H2-196



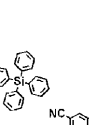
H2-197



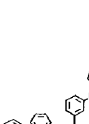
H2-198



H2-199



H2-200



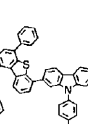
H2-201



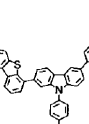
H2-202



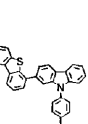
H2-203



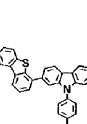
H2-204



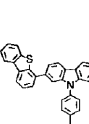
H2-205



H2-206

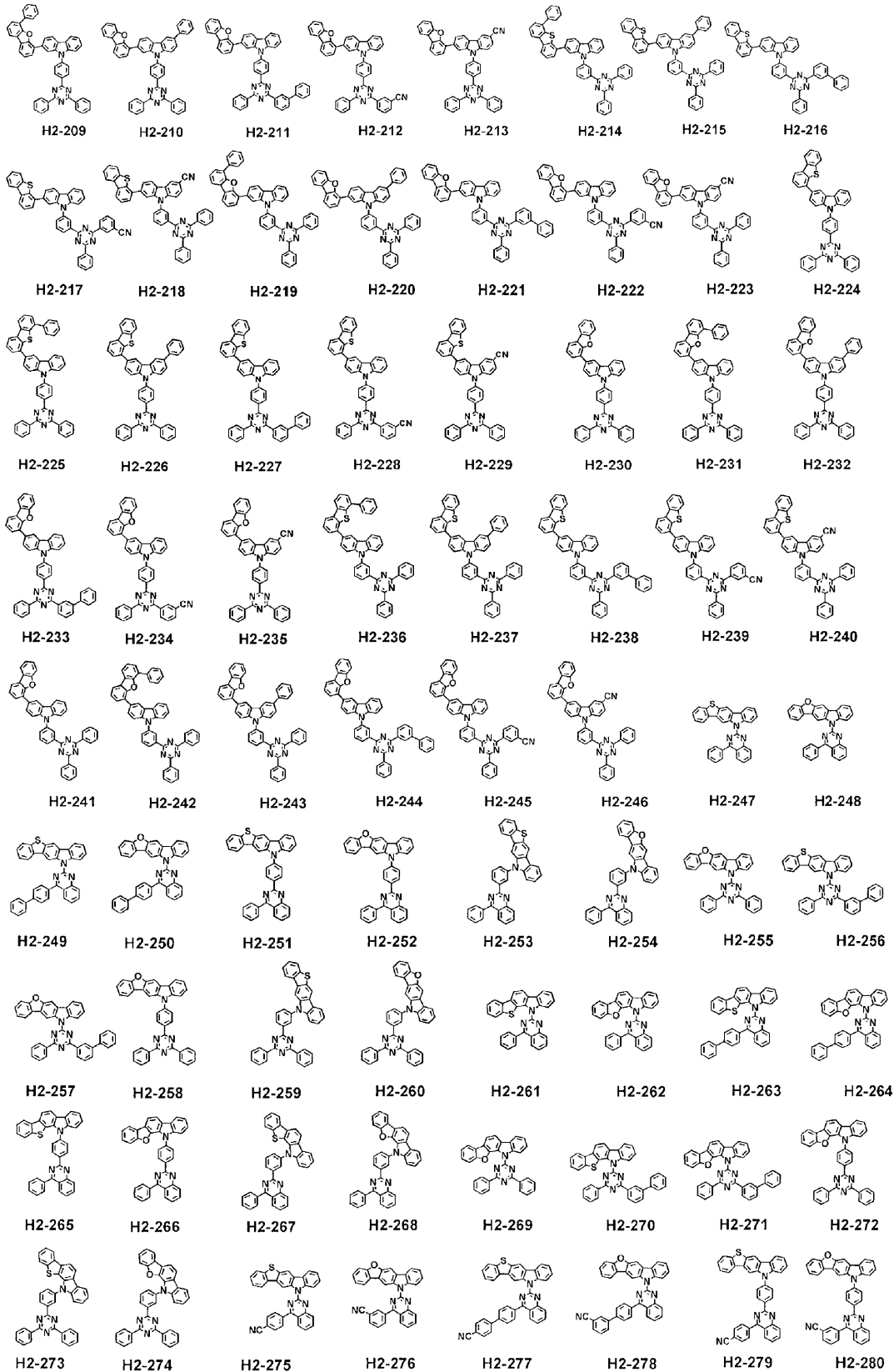


H2-207

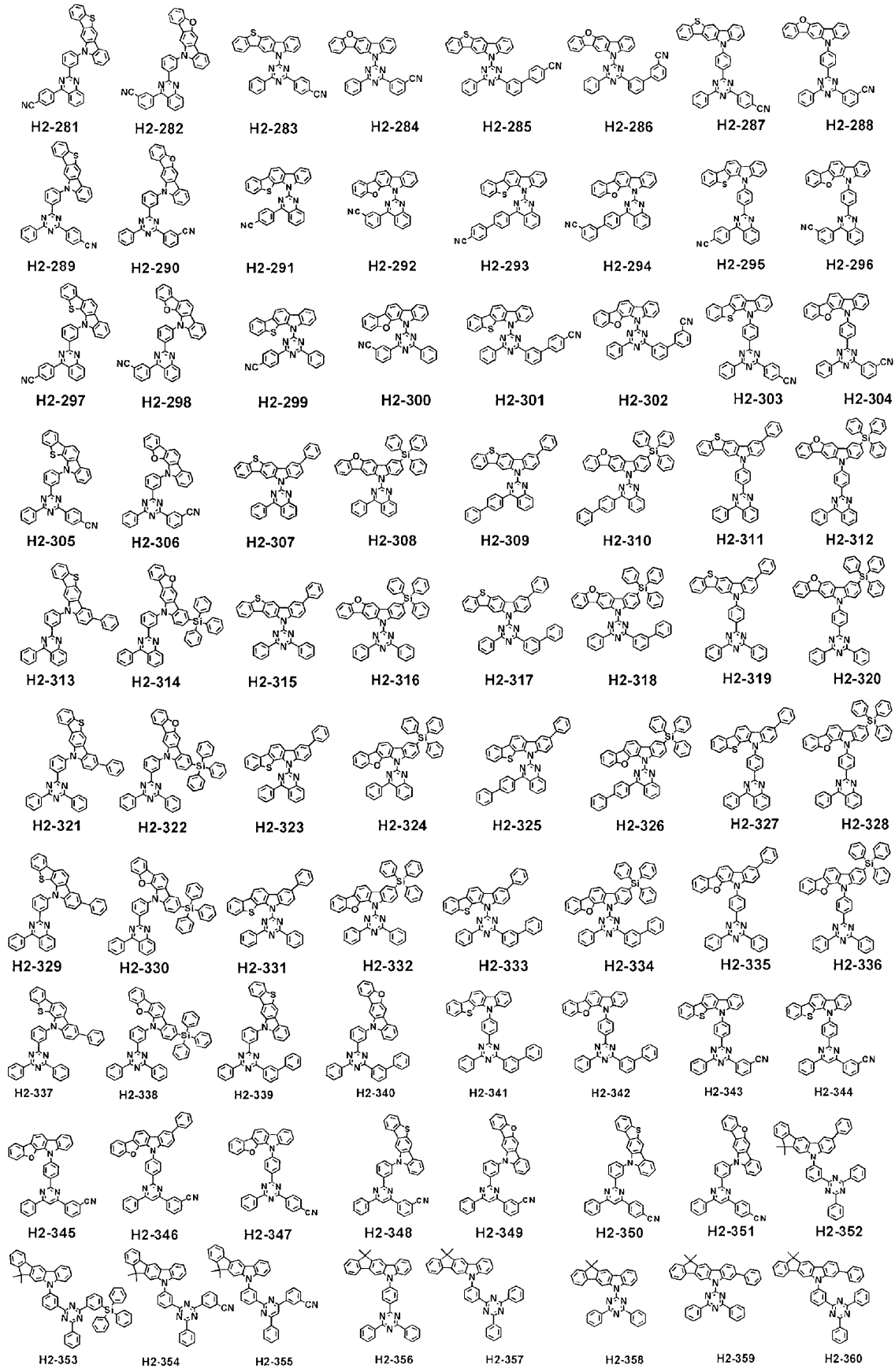


H2-208

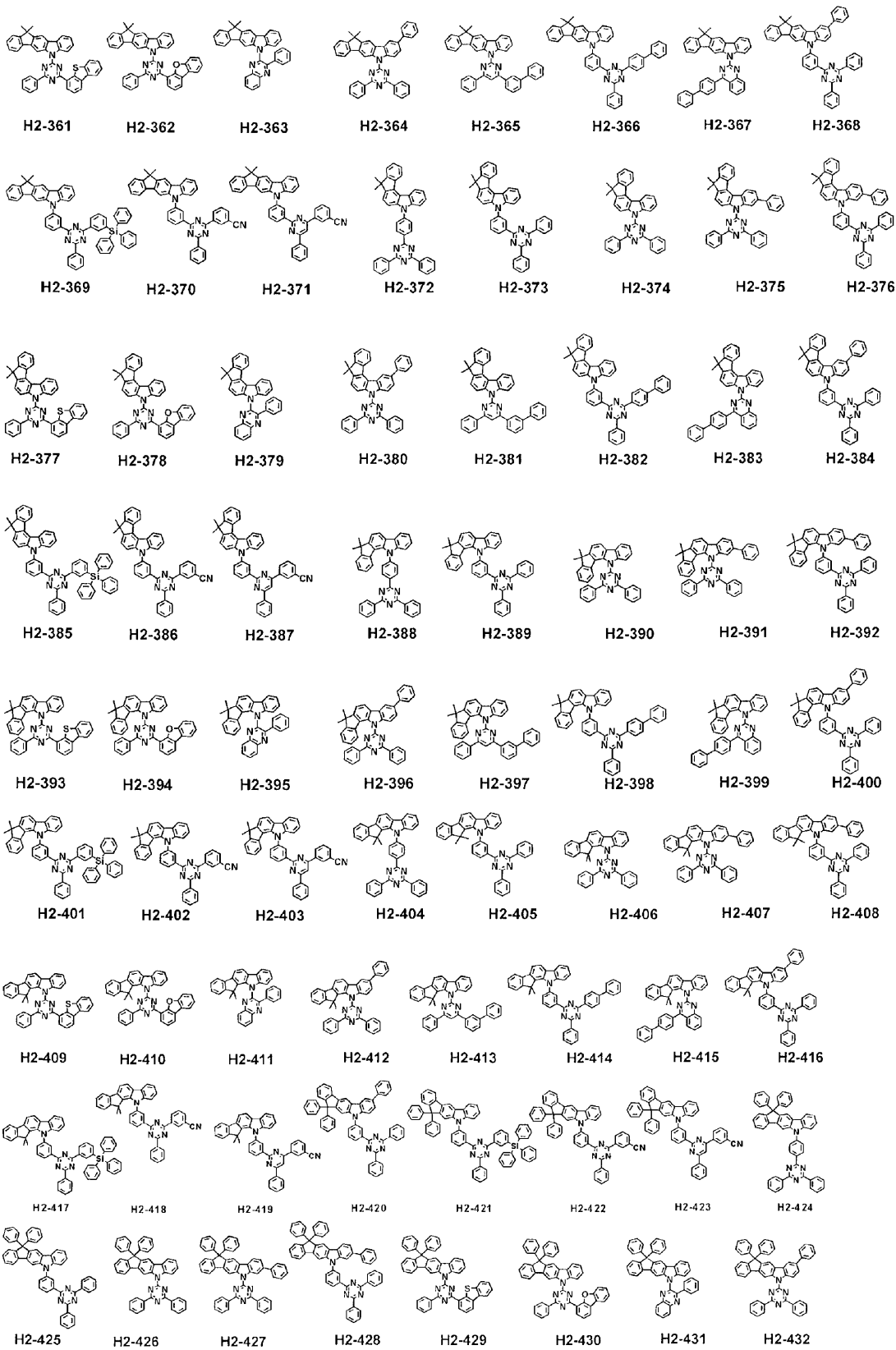
【化 6 - 4】



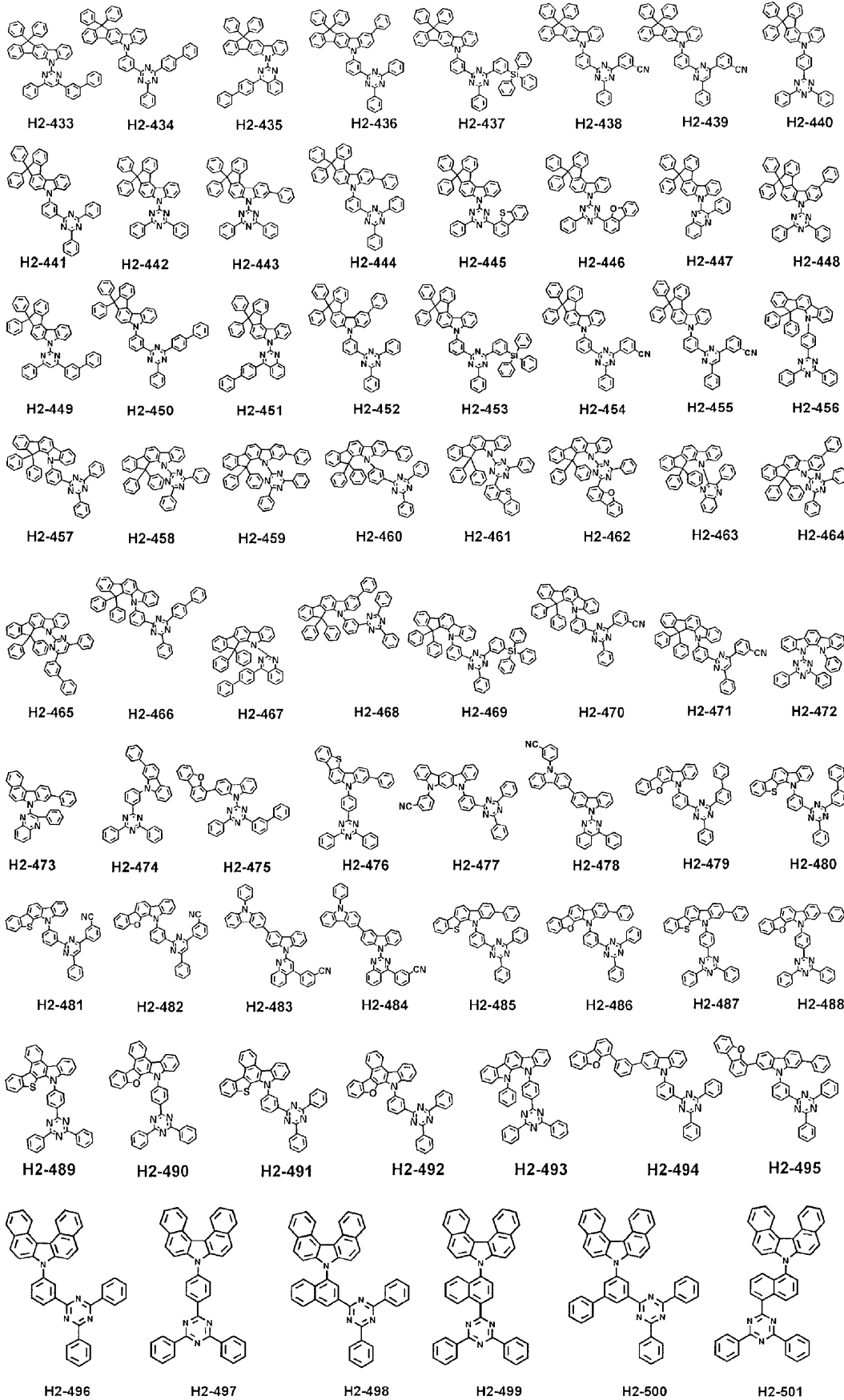
【化 6 - 5】



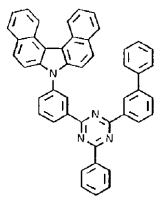
【化 6 - 6】



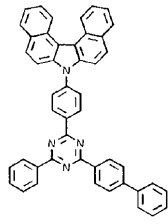
【化 6 - 7】



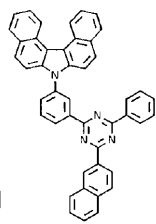
【化 6 - 8】



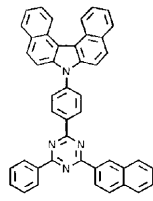
H2-502



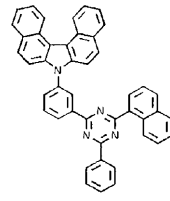
H2-503



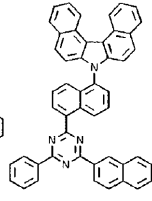
H2-504



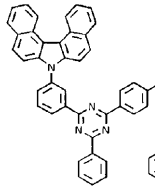
H2-505



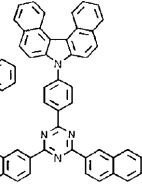
H2-506



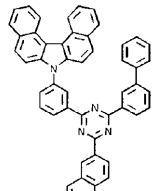
H2-507



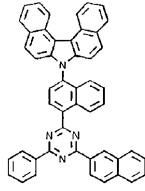
H2-508



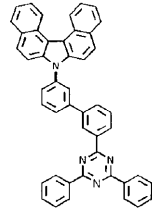
H2-509



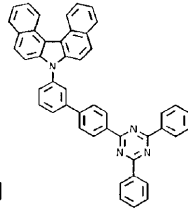
H2-510



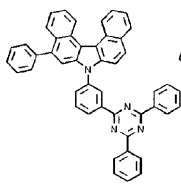
H2-511



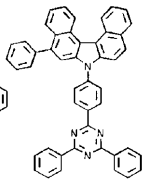
H2-512



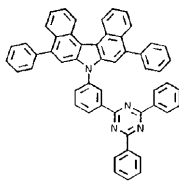
H2-513



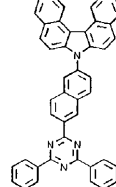
H2-514



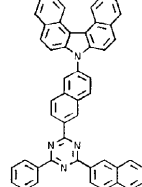
H2-515



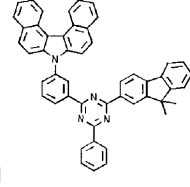
H2-516



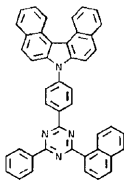
H2-517



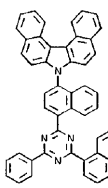
H2-518



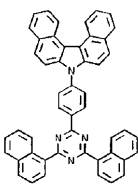
H2-519



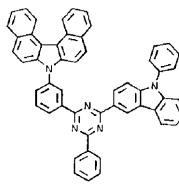
H2-520



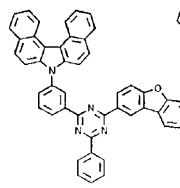
H2-521



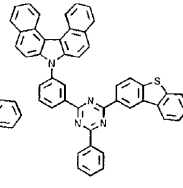
H2-522



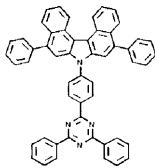
H2-523



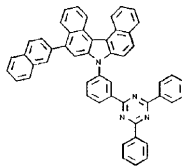
H2-524



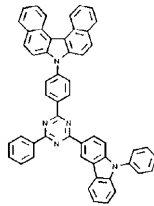
H2-525



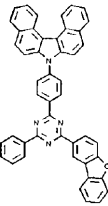
H2-526



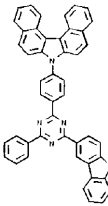
H2-527



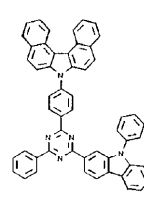
H2-528



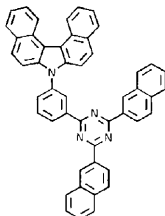
H2-529



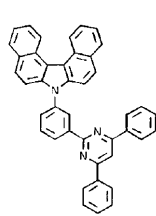
H2-530



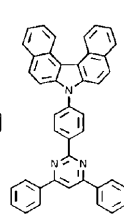
H2-531



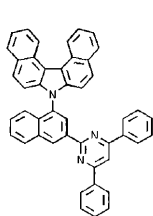
H2-532



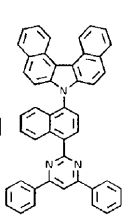
H2-533



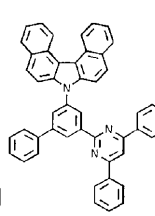
H2-534



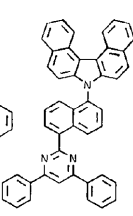
H2-535



H2-536

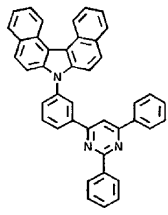


H2-537

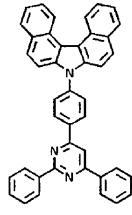


H2-538

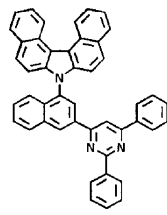
【化 6 - 9】



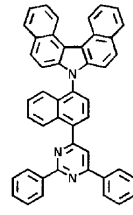
H2-539



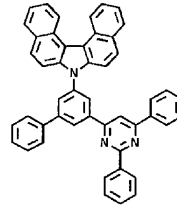
H2-540



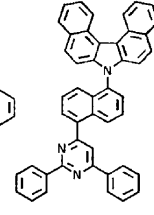
H2-541



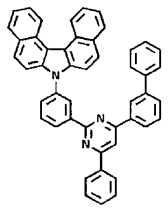
H2-542



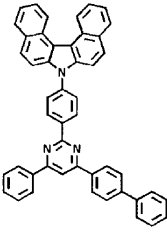
H2-543



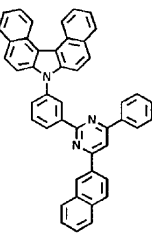
H2-544



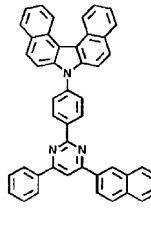
H2-545



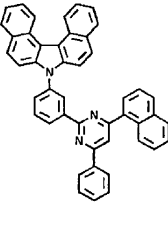
H2-546



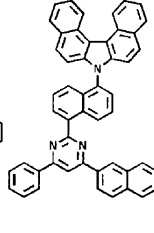
H2-547



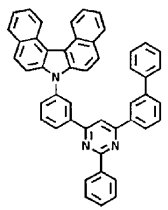
H2-548



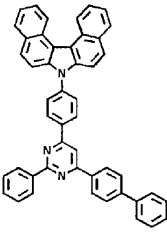
H2-549



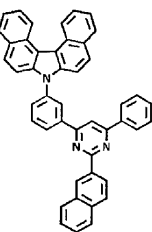
H2-550



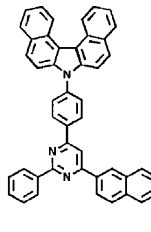
H2-551



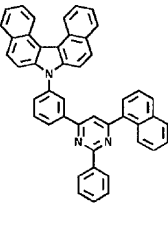
H2-552



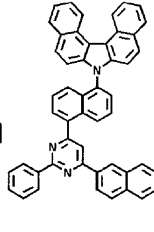
H2-553



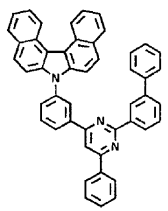
H2-554



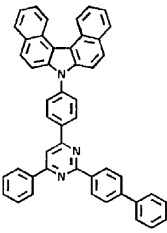
H2-555



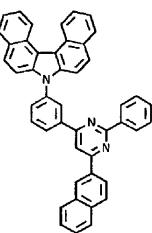
H2-556



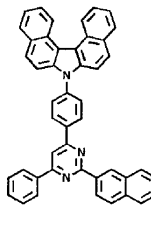
H2-557



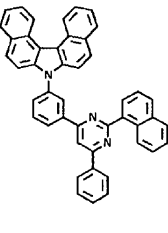
H2-558



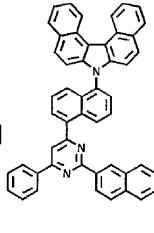
H2-559



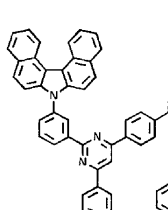
H2-560



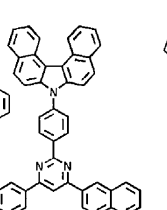
H2-561



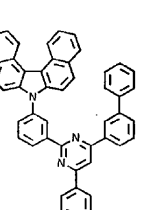
H2-562



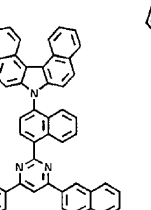
H2-563



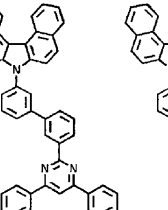
H2-564



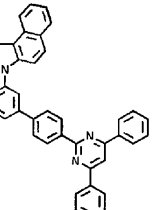
H2-565



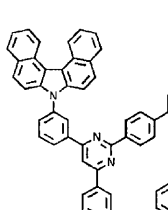
H2-566



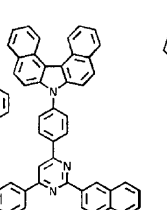
H2-567



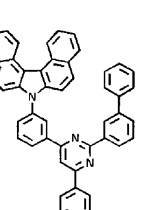
H2-568



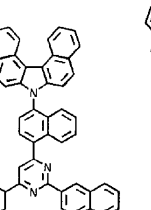
H2-569



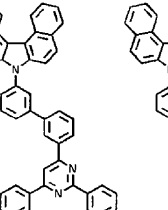
H2-570



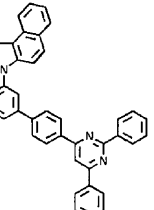
H2-571



H2-572

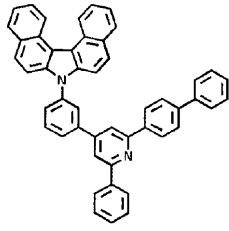


H2-573

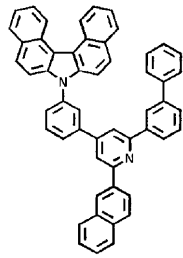


H2-574

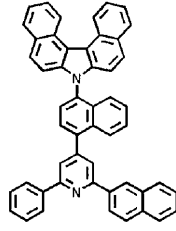
【化 6 - 1 0】



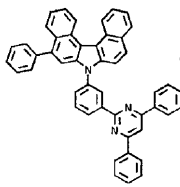
H2-575



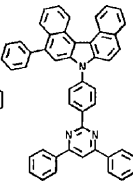
H2-576



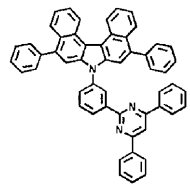
H2-577



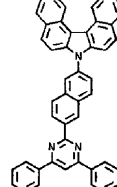
H2-578



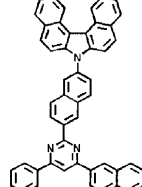
H2-579



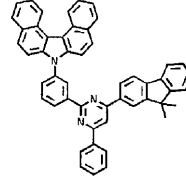
H2-580



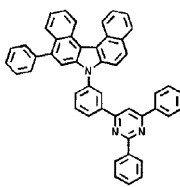
H2-581



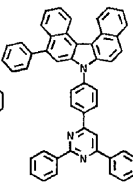
H2-582



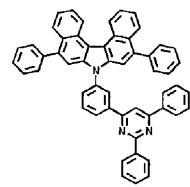
H2-583



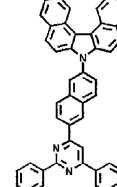
H2-584



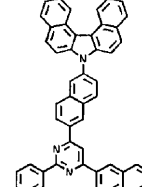
H2-585



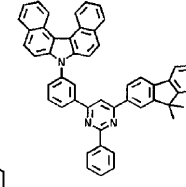
H2-586



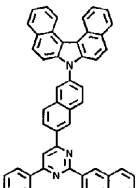
H2-587



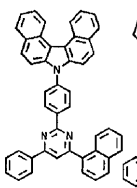
H2-588



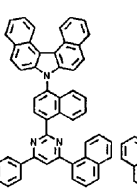
H2-589



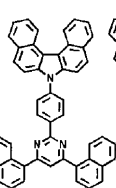
H2-590



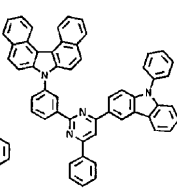
H2-591



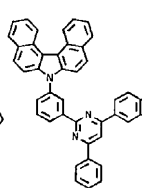
H2-592



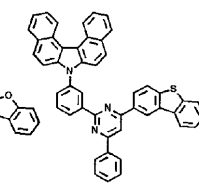
H2-593



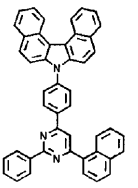
H2-594



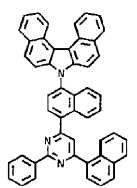
H2-595



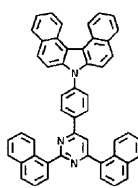
H2-596



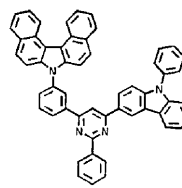
H2-597



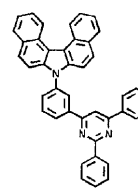
H2-598



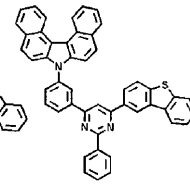
H2-599



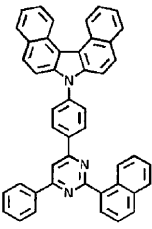
H2-600



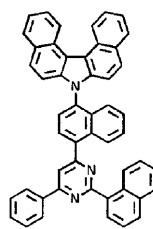
H2-601



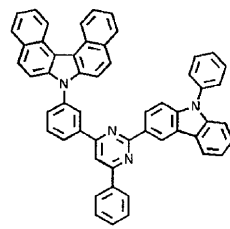
H2-602



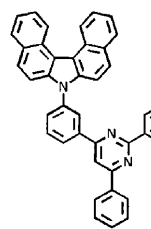
H2-603



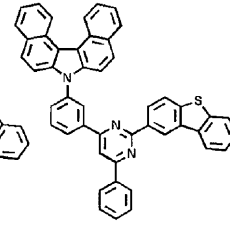
H2-604



H2-605

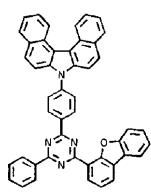


H2-606

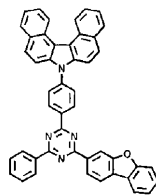


H2-607

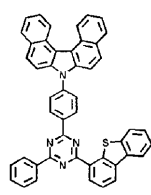
【化 6 - 1 1】



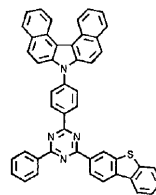
H2-608



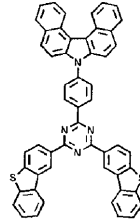
H2-609



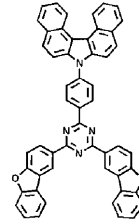
H2-610



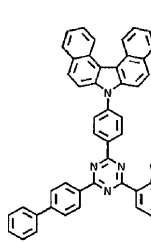
H2-611



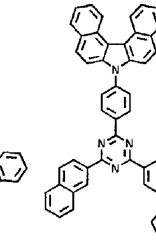
H2-612



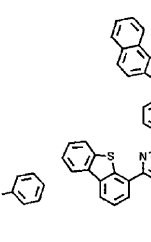
H2-613



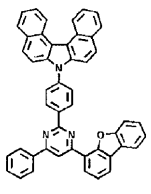
H2-614



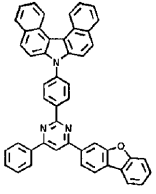
H2-615



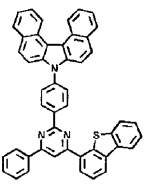
H2-616



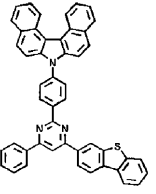
H2-617



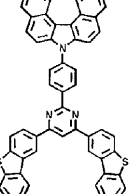
H2-618



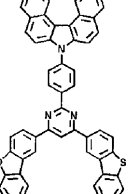
H2-619



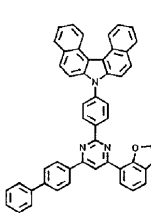
H2-620



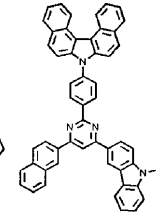
H2-621



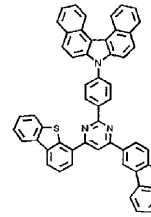
H2-622



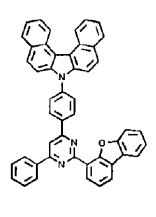
H2-623



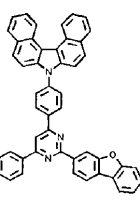
H2-624



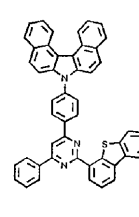
H2-625



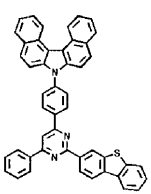
H2-626



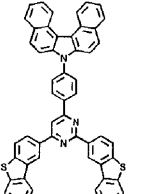
H2-627



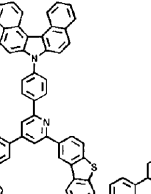
H2-628



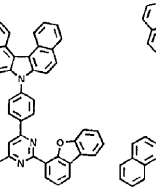
H2-629



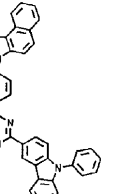
H2-630



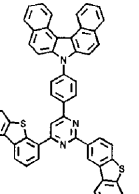
H2-631



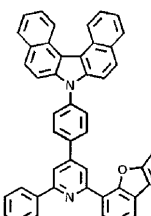
H2-632



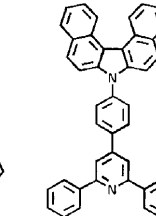
H2-633



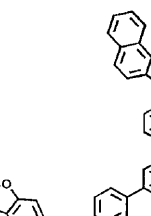
H2-634



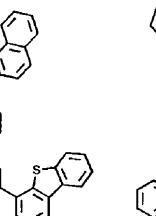
H2-635



H2-636

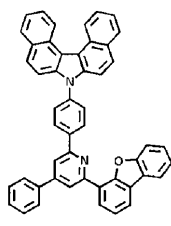


H2-637

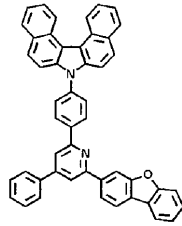


H2-638

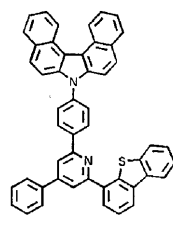
【化 6 - 1 2】



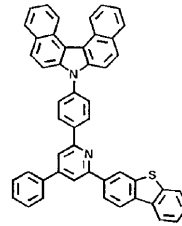
H2-639



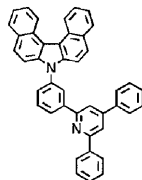
H2-640



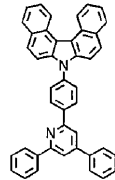
H2-641



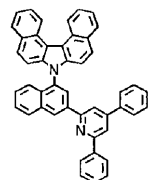
H2-642



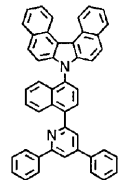
H2-643



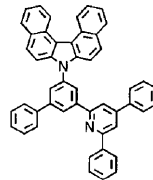
H2-644



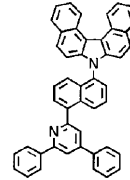
H2-645



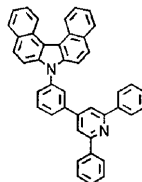
H2-646



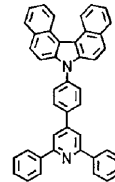
H2-647



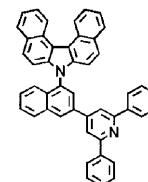
H2-648



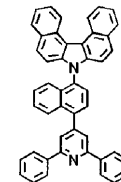
H2-649



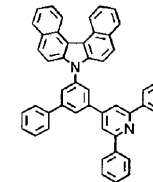
H2-650



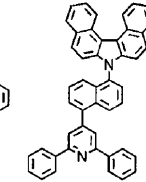
H2-651



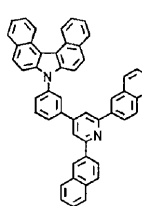
H2-652



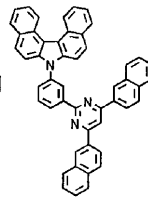
H2-653



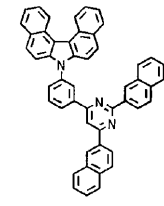
H2-654



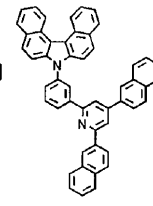
H2-655



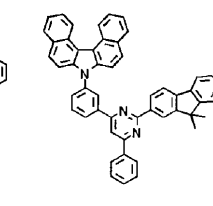
H2-656



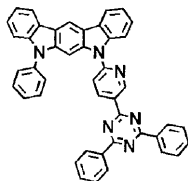
H2-657



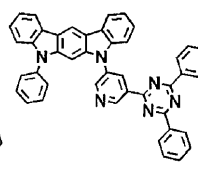
H2-658



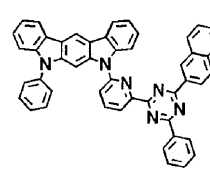
H2-659



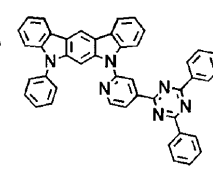
H2-660



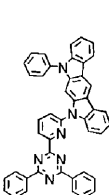
H2-661



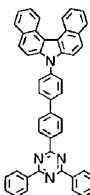
H2-662



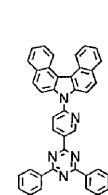
H2-663



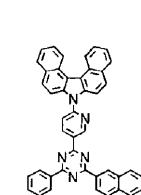
H2-664



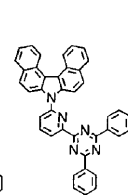
H2-665



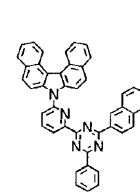
H2-666



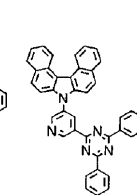
H2-667



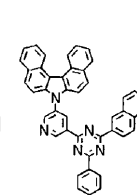
H2-668



H2-669



H2-670



H2-671

【誤 訂 正 2】

【訂正対象書類名】明細書

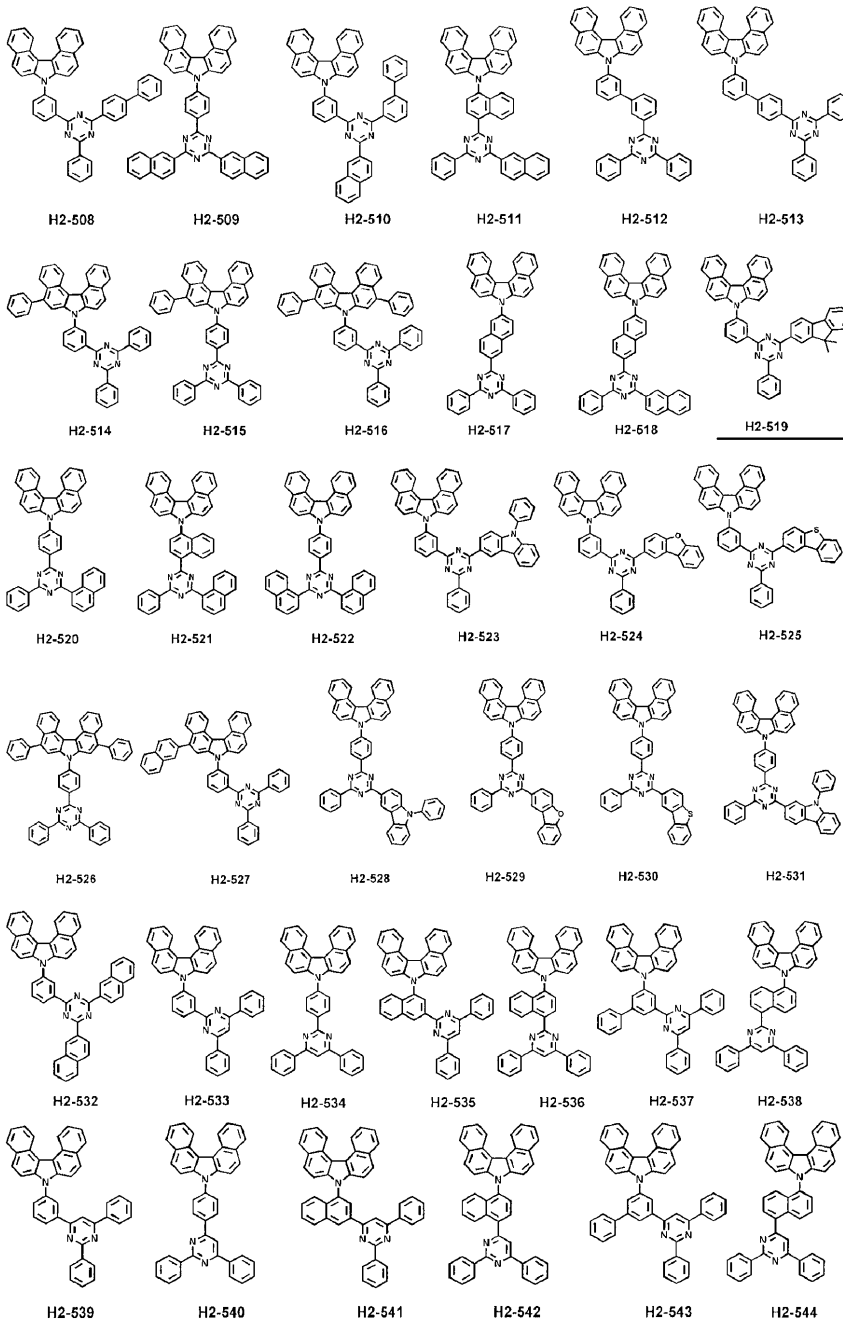
【訂正対象項目名】0044

【訂正方法】変更

【訂正の内容】

【0044】

【化 6 - 8】



专利名称(译)	<无法获取翻译>		
公开(公告)号	JP2017513220A5	公开(公告)日	2019-07-25
申请号	JP2016559431	申请日	2015-04-07
[标]申请(专利权)人(译)	罗门哈斯电子材料有限公司		
申请(专利权)人(译)	罗门哈斯电子材料有限公司韩国		
[标]发明人	ヒーチュンアン ヨンクウォンキム ドウヒヨンムン スヒュンリー ソンウーリー チーシクキム キョンジンパク ナムキュンキム キュンフンチヨイ ジェフンシム ヨンジュンチヨ キュンジュリー		
发明人	ヒー-チュン-アン ヨン-クウォン-キム ドウ-ヒヨン-ムン ス-ヒュン-リー ソン-ウー-リー チー-シク-キム キョン-ジン-パク ナム-キュン-キム キュン-フン-チヨイ ジェ-フン-シム ヨン-ジュン-チヨ キュン-ジュ-リー		
IPC分类号	H01L51/50 C09K11/06		
CPC分类号	H01L51/0072 C09K11/025 C09K11/06 C09K2211/1007 C09K2211/1011 C09K2211/1029 C09K2211/1033 C09K2211/1037 C09K2211/1044 C09K2211/1059 C09K2211/1088 C09K2211/1092 C09K2211/185 H01L51/0052 H01L51/0058 H01L51/0067 H01L51/0071 H01L51/0073 H01L51/0074 H01L51/0085 H01L51/0094 H01L51/5016 H01L2251/5384		
FI分类号	H05B33/14.B C09K11/06.690 C09K11/06.660		
F-TERM分类号	3K107/AA01 3K107/BB01 3K107/BB02 3K107/CC04 3K107/CC21 3K107/DD53 3K107/DD59 3K107/DD67 3K107/DD68 3K107/DD69		
优先权	1020140041844 2014-04-08 KR 1020140086754 2014-07-10 KR 1020150042704 2015-03-26 KR		
其他公开文献	JP2017513220A		
摘要(译)			

有机电致发光器件技术领域本发明涉及一种有机电致发光器件，其包括在阳极和阴极之间的至少一个发光层，该发光层包括主体和磷光掺杂剂，该主体包括多组分主体化合物，该多组分主体包括：该化合物的至少第一主体化合物是含有芳基的特定联咪唑衍生物，第二主体化合物是含有含氮杂芳基的特定咪唑衍生物。根据本发明，与使用单组分主体化合物的常规装置相比，使用多组分主体化合物的本有机电致发光器件具有高效率和长寿命。[选择图]无

