Electronic Supplementary Information

Table . Optimization of conditions for the reaction of dipyrromethane **30** with aldehyde **11**[a]

Entry	TFA (mM)	Time of acid catalyzed step	DPM **30** (mM)	DDQ (mmol)/ **30** (mmol)	X-fold dilution[b]	Yield of corrole **35** (%)[c]
1	3	5 h	33	1	-	18
2	3	5 h	33	1	27	22
3	3	5 h	33	1.3	-	24
4	3	5 h	33	1.3	27	28
5[d]	3	5 h	33	1.3	27	27
6[e]	3	5 h	33	1.3	27	27
7	1.3	5 h	133	1.3	27	28
8	4.3	3 h	133	1.3	-	26
9	13	3 h	133	1.3	-	26
10	13	20 min	133	1.3	-	29
11	13	10 min	133	1.3	-	29
12	1.3	5 h	133	1.3	-	23
13	13	5 h	133[f]	1.3	-	19
14	13	10 min	133	1.3	[g]	26
15	1.3	5 h	133	1.3	13	29
16	1.3	5 h	133	1.3	27[h]	26
17	1.3	5 h	133	1.3	[g]	31
18[i]	1.3	16 h	133	1.4	27	31
19	18	1 min	40	1.5	-	8
20	18	3 min	40	1.5	-	16
21	18	12 min	40[j]	1.5	-	16
22	18[k]	3.5 min	40	1.3	27	24

[a] All reactions were performed under the following constant conditions: For 1st step: CH_2Cl_2, MesDPM:aldehyde **11** = 2:1, RT. For 2nd step: RT). [b] Where X indicates how many times the reaction mixture was diluted before addition of DDQ. [c] Isolated

yields. [d] THF was used in the 2nd step. [e] Toluene was used in the 2nd step. [f] MeCN was used in 2 nd step [g] The reaction mixture dissolved in CH_2Cl_2 and the solution of DDQ were added simultaneously to CH_2Cl_2 during 10 min. [h] MeCN with NH_4Cl was used in 2nd step. [i] Aldehyde **11** was added during 3 h. [j] Toluene was used as a solvent in both steps. [k] Aldehyde **11** was added during 3 min.