

Unveiling the Potential of *Ent*-kaurane Diterpenoids: Multifaceted Natural Products for Drug Discovery

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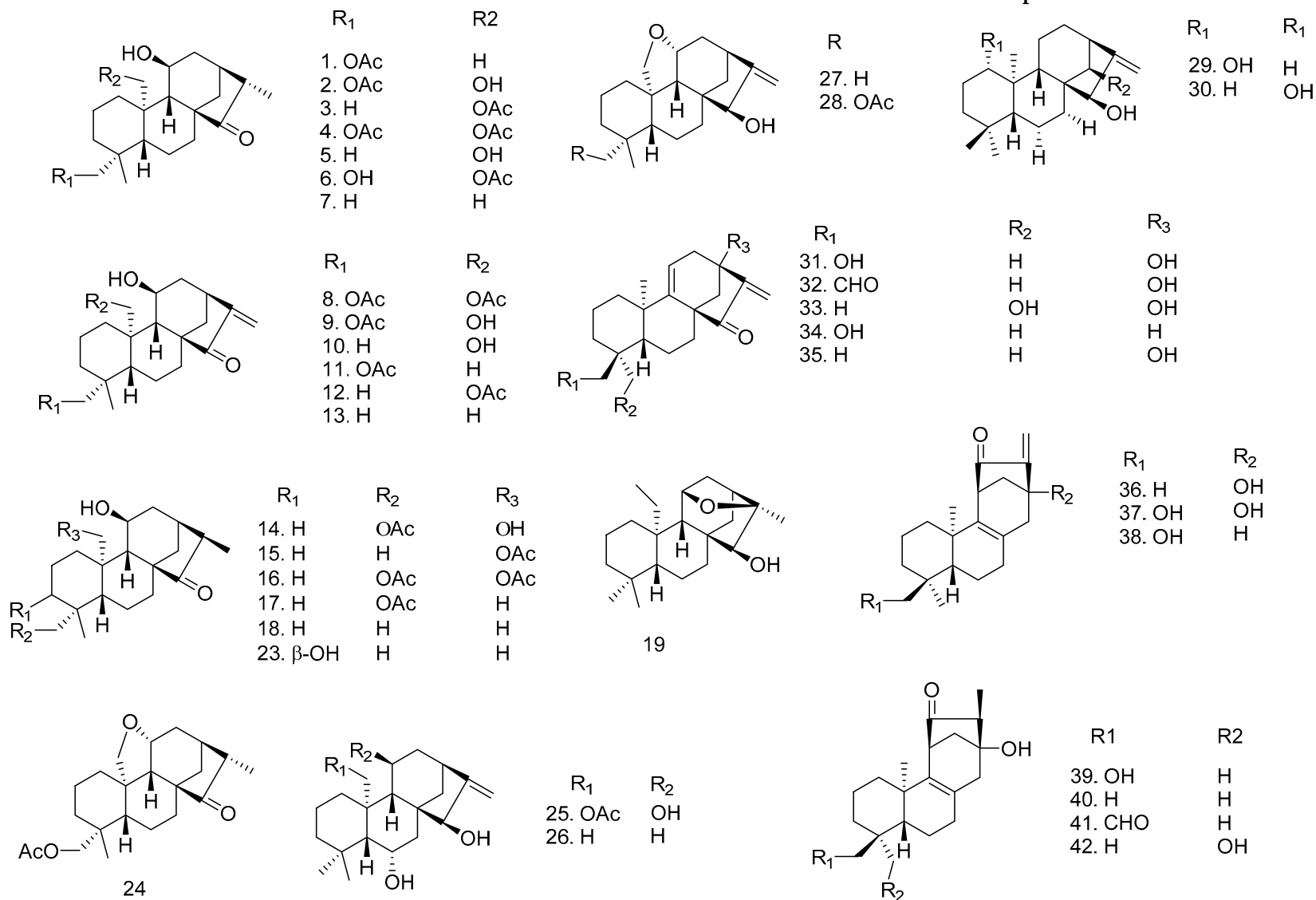
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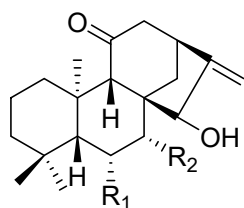


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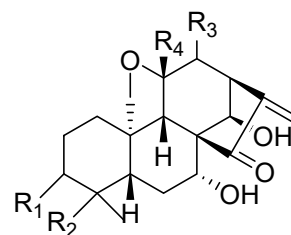
SUPPLEMENTARY INFORMATION S1: Chemical Structures of *ent*-kaurane diterpenoids



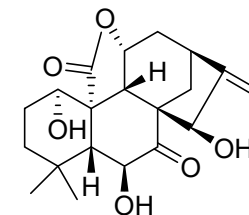


R1
43. OH
44. OH
45. H
46. H

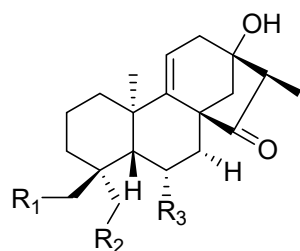
R2
H
OH
OH
H



R ₁	R ₂	R ₃	R ₄
56. β-OAc	Me	α-OH	OH
58. H	β-CHO	H	OMe
59. H	Me	H	OH

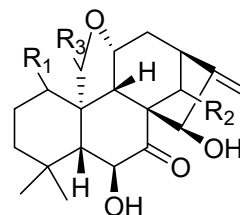


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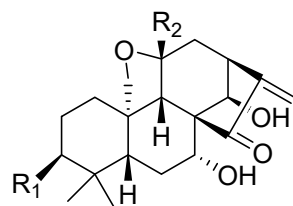


R₁
47. H
48. OH
49. CHO
50. H
51. OH

R ₂	R ₃
H	H
H	H
H	H
OH	H
H	OH

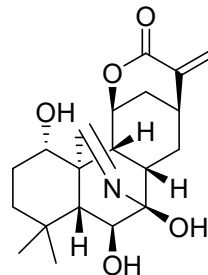


R ₁	R ₂	R ₃
61. α-OH	H	β-OH
62. 2H	β-OH	H
63. α-O	H	β-Me

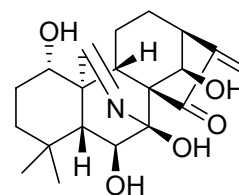


R₁
52. OAc
53. OAc

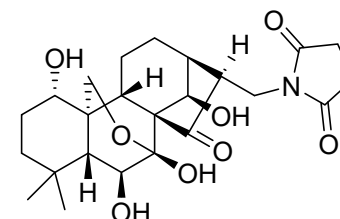
R₂
OMe
OH



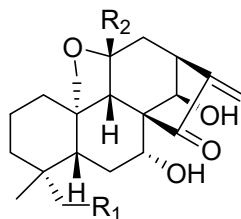
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65

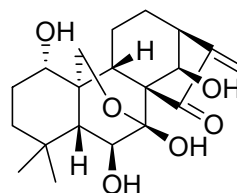


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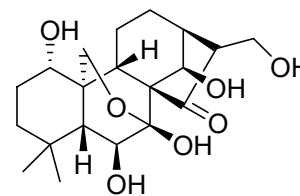


R₁
54. OAc
55. OAc

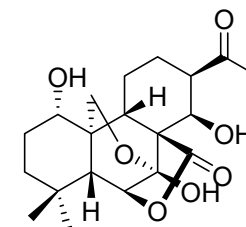
R₂
OMe
OH



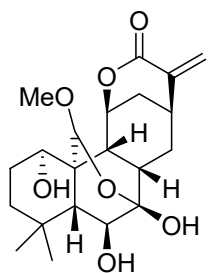
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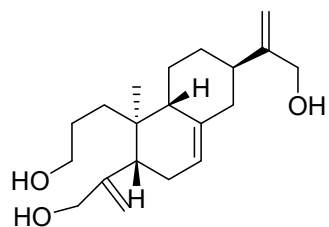
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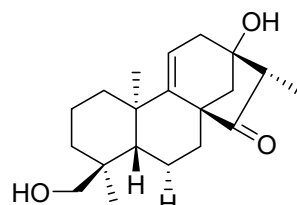
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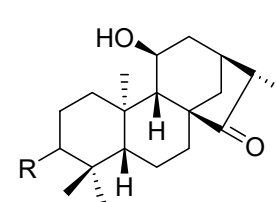
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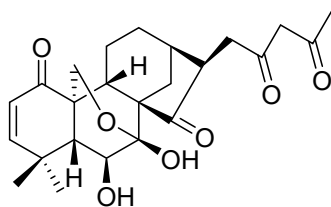
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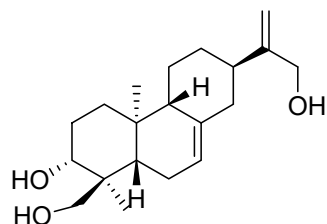
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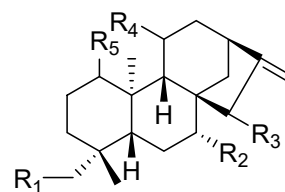
R
87. α -OH
88. β -OH
89. 2H



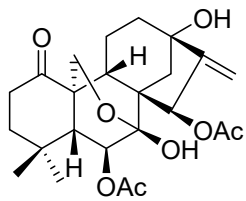
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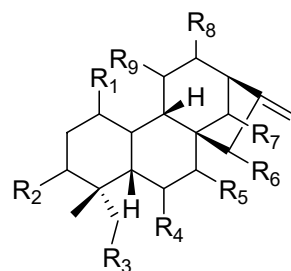
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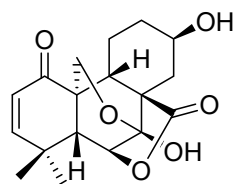
R ₁	R ₂	R ₃	R ₄	R ₅
80. 3H	H	β -OH	H	α -OH
81. 3H	H	α -OH	H	α -OH
82. 3H	OH	H	H	α -OH
83. 3H	OAc	H	H	α -OH
84. 3H	Me	β -OH	α -OH	2H
85. 3H	Me	β -OH	α -OH	2H
86. CH ₂ OH	Me	β -OH	α -H	2H



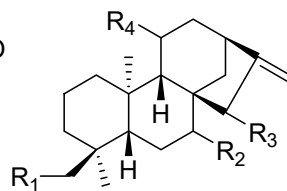
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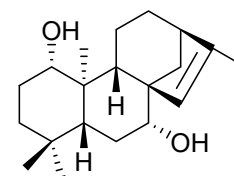
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉
76. α -H	H	H	α -H	α -OH	β -OH	β -H	H	H
77. α -OH	H	H	α -OH	α -H	β -OH	β -H	H	H
78. α -H	H	H	α -H	α -H	β -OH	β -H	H	H
272. α -H	β -OAc	H	H	α -OH	=O	β -OH	α -OH	H
273. α -H	H	OAc	α -OH	α -OH	=O	β -H	H	α -H
278. α -OH	β -H	H	H	α -OH	=O	β -OH	α -OAc	H



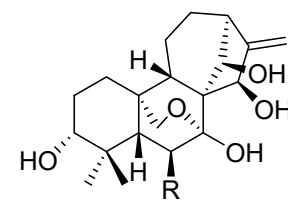
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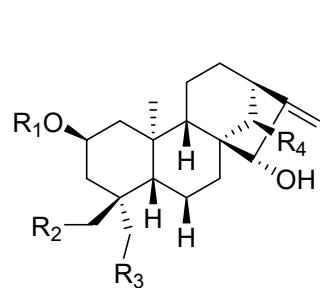
R ₁	R ₂	R ₃	R ₄
90. H	H	=O	β -OH
91. H	H	β -OH	β -OH
92. COOH	H	β -OAc	H
93. COOH	H	H	H
95. H	α -OH	α -OH	H
96. H	α -OH	H	H



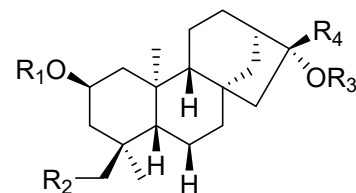
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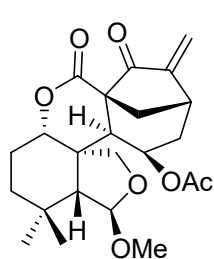
R
109. OH
113. OAc



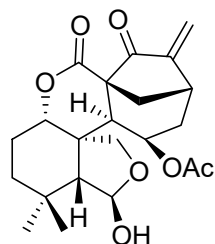
R ₁	R ₂	R ₃	R ₄
97. H	H	H	H
98. Glc	H	H	H
99. H	MeOH	H	H
100. Glc	MeOH	H	H
101. Glc	H	MeOH	H
102. H	H	H	H
103. H	H	H	OH
104. Glc	H	H	OH



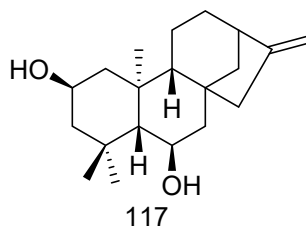
R ₁	R ₂	R ₃	R ₄
105. H	H	H	Me
106. Glc	H	Glc	Me
107. H	OH	H	Me
108. Glc	H	H	MeOH



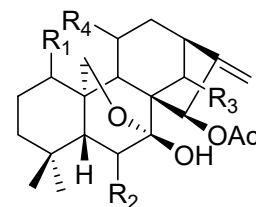
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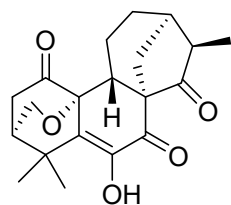
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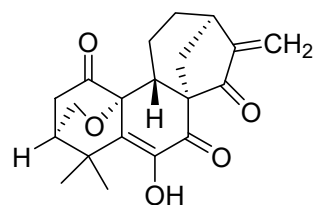
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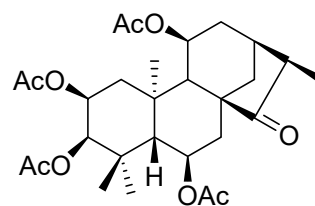
R ₁	R ₂	R ₃	R ₄
122. H	β-OAc	β-OAc	H
123. H	β-OH	β-OAc	β-OH
124. β-OH	β-OH	β-OAc	H
169. α-OH	β-OH	H	β-OGlc
170. α-OGlc	β-OH	β-OH	H
171. α-OGlc	β-OH	H	H
172. H	β-OGlc	α-OH	β-OH
173. α-OGlc	β-OH	H	β-OH
174. α-OGlc	β-OH	α-OH	H



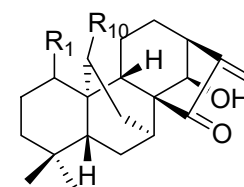
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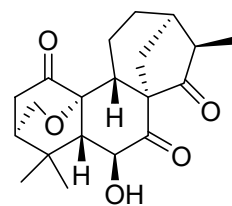
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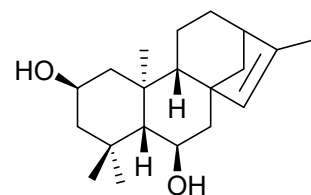
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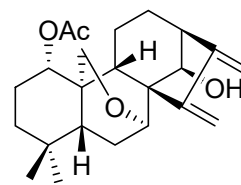
R ₁	R ₂
165. α-OH	OEt
166. α-OH	OMe



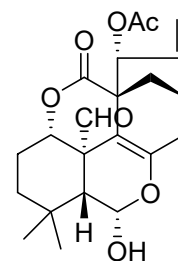
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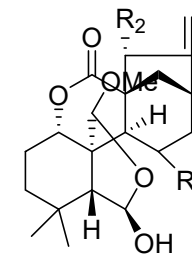
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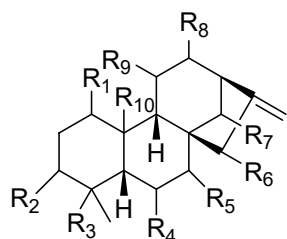
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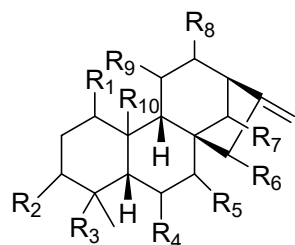
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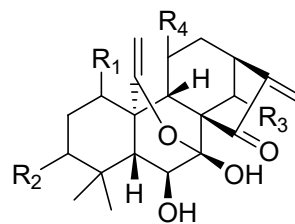
R ₁	R ₂
178. H	OAc
179. α-OH	OAc
180. α-OH	OH



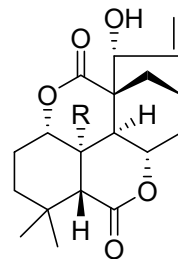
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀
20. H	β-H	α-Me	H	H	β-OH	H	H	β-OH	α-Me
21. H	β-H	α-Me	H	H	β-OH	H	H	β-OH	α-Me
22. H	β-OAc	α-Me	H	H	β-OH	H	H	β-OH	α-Me
125. H	H	β-MeOH	H	α-OAc	=O	β-OH	α-OH	H	α-Me
126. H	H	β-MeOH	H	α-OH	=O	β-OAc	α-OH	H	α-Me
127. H	H	β-OAc	H	α-OAc	=O	β-OH	α-OH	H	α-Me
128. H	H	β-OH	H	α-OH	=O	β-H	α-OH	H	α-Me
129. H	H	β-OH	H	α-OH	=O	β-OH	α-OH	H	α-Me
130. H	α-OH	Me	H	α-OH	=O	β-OH	α-OH	β-OH	α-Me
131. H	α-OH	β-MeOH	H	α-OH	=O	β-OH	α-OH	β-OH	α-Me
132. H	=O	β-MeOH	H	α-H	β-OH	β-H	H	β-H	α-Me
133. H	OH	β-MeOH	H	α-H	=O	β-H	α-OH	β-H	α-Me
134. H	α-H	Me	H	α-OAc	β-OH	β-OH	α-OH	β-H	α-Me
135. H	α-H	Me	α-OH	α-H	=O	β-OH	α-H	β-OH	α-Me
136. H	α-H	Me	=O	α-H	=O	β-OH	α-H	β-OH	α-Me
137. H	H	β-MeCOH	H	α-H	=O	β-OH	α-OH	H	α-Me
138. H	H	β-MeOH	H	α-H	β-OH	β-H	α-OH	H	α-Me
139. H	H	β-MeOH	H	=O	β-OH	β-OH	H	β-H	α-Me
140. H	H	β-MeOH	H	α-OH	=O	β-OH	α-OH	H	α-MeOH
141. H	H	β-MeOH	H	H	=O	β-OH	H	H	α-CHO
142. H	H	β-MeOH	H	α-OH	=O	H	H	H	α-MeOH
143. α-OAc	β-OH	Me	α-OAc	β-OAc	β-OH	H	H	β-OAc	α-Me
144. α-OAc	β-OH	Me	=O	β-OAc	β-OH	H	H	β-OAc	α-Me
145. α-OAc	β-OH	Me	=O	β-OH	β-OAc	H	H	β-OAc	α-Me
146. α-OAc	β-OH	Me	=O	β-OH	β-OH	H	H	β-OAc	α-Me
147. α-OAc	β-OH	Me	=O	β-OH	β-OH	H	H	β-OAc	α-Me
148. H	H	Me	H	α-OAc	=O	β-OH	α-OH	β-OH	α-Me
149. H	H	Me	H	α-OH	=O	β-OH	α-OH	H	α-Me
150. H	H	Me	H	α-OH	=O	β-OH	H	β-OH	α-Me
161. α-OH	H	β-MeOAc	H	α-OH	=O	β-OH	α-OH	H	H
163. α-OH	H	Me	H	α-OH	=O	β-OH	α-OH	β-OH	α-Me
164. α-OH	H	Me	H	α-OH	=O	β-OH	α-OH	β-OH	α-Me
202. H	H	β-MeOH	H	H	=O	β-OH	α-OH	H	α-Me
203. H	H	β-MeOH	H	α-OH	=O	β-OH	H	β-OH	α-Me
204. α-OAc	H	β-CHO	H	α-OH	=O	β-OH	α-OH	H	α-Me
205. α-OAc	H	Me	H	α-OH	=O	β-OH	α-OH	β-OH	α-Me
206. H	H	β-MeOH	H	α-OH	α-OAc	β-OH	H	H	H
207. α-OAc	β-OH	β-MeOH	H	α-OH	=O	β-OH	=O	H	H
208. α-OH	H	β-Me	H	α-OH	=O	β-OH	H	H	α-MeOAc



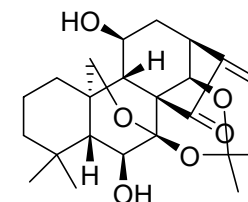
209. α -OAc	H	β -MeOH	H	α -OH	=O	β -OH	H	H	α -MeOAc
210. α -OH	H	β -Me	H	α -OH	=O	β -OH	H	H	α -MeOAc
211. α -H	H	β -Me	H	α -OH	=O	β -OH	H	H	α -Me
215. α -OH	α -OH	Me	H	H	=O	H	H	β -OH	α -Me
216. α -OAc	β -OH	Me	H	H	β -OH	H	H	β -OH	α -Me
217. α -OAc	β -OH	Me	H	=O	β -OAc	H	H	β -OAc	α -Me
218. α -OH	β -OH	Me	H	H	β -OH	H	H	β -OAc	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OH	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OH	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OAc	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OH	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OH	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OH	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	β -OAc	α -Me
	β -OH	Me	=O	β -OH	β -OH	H	H	=O	α -Me
	β -OH	Me	=O	β -OH	=O	H	H	β -OAc	α -Me
	β -H	Me	=O	β -OH	=O	H	α -OH	β -OH	α -Me
	β -OAc	Me	H	β -OAc	=O	H	H	β -OH	α -Me
	β -OH	Me	H	β -OAc	=O	H	H	β -OH	α -Me
	β -OH	Me	H	β -OAc	β -OH	H	H	β -OAc	α -Me
	β -OAc	Me	H	β -OAc	β -OH	H	H	β -OH	α -Me



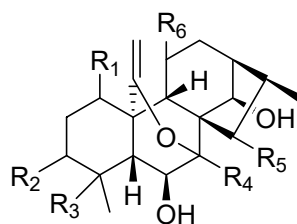
R ₁	R ₂	R ₃	R ₄
181. H	H	β -OAc	β -OAc
193. H	β -H	β -OH	α -OH
194. α -OAc	β -H	β -OH	α -OH
195. α -OH	β -H	β -OH	H
196. α -OH	β -H	β -OH	α -OAc



R
176. OH
192. CHO

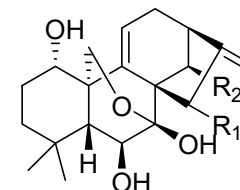


201

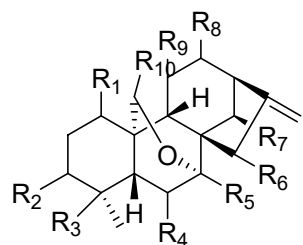


R ₁	R ₂	R ₃	R ₄
182. β -OH	H	α -MeCHO	β -OH
183. β -OH	β -OH	α -MeCHO	β -H
184. H	β -H	Me	β -H
185. H	β -H	Me	β -H

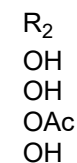
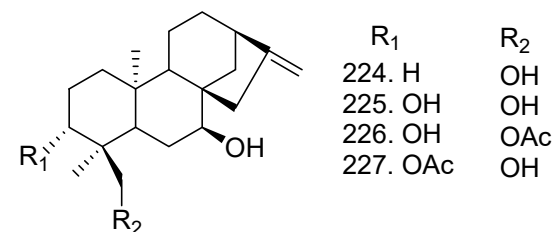
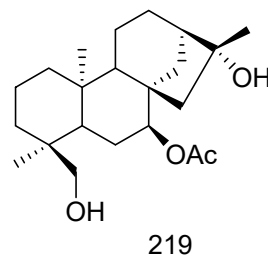
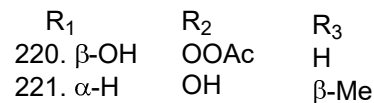
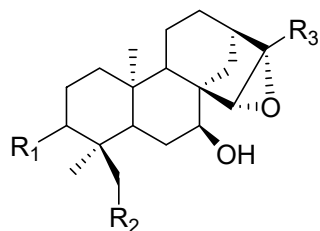
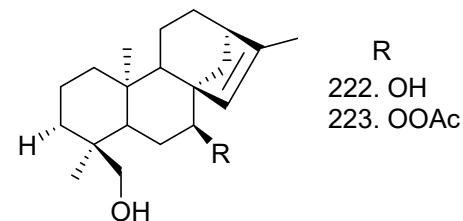
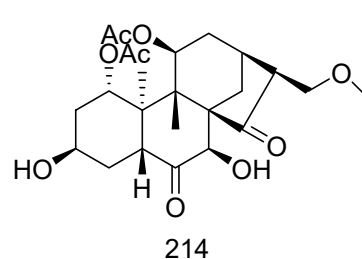
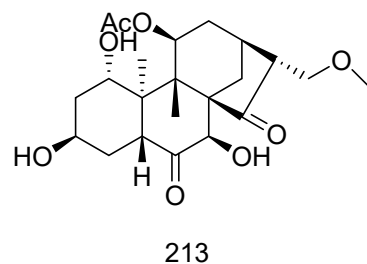
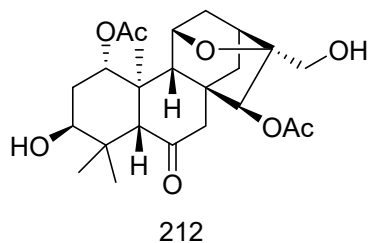
R ₅	R ₆
=O	H
=O	H
β -OH	β -OH
β -OH	H

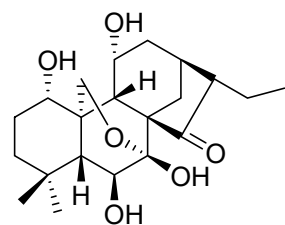


R ₁	R ₂
186. b-OH	b-OH
187. =O	b-H

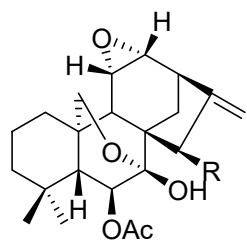


	R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀
167.	α-OH	H	β-Me	H	H	=O	β-OH	H	H	OMe
168.	α-OH	H	β-Me	β-OH	β-OH	=O	β-OH	H	H	H
175.	α-OH	H	β-Me	β-OH	β-OH	β-OH	α-OH	H	H	H
188.	α-OH	H	Me	β-OH	β-OH	=O	β-OH	H	β-H	α-OEt
189.	α-OH	H	Me	β-OH	β-OH	=O	β-OH	H	H	β-OEt
190.	α-OH	H	Me	β-OH	β-OH	=O	β-OH	H	H	β-OBu
191.	α-OH	H	Me	=O	β-OH	=O	β-OH	H	H	OH
197.	α-OH	β-H	Me	β-OH	β-OH	β-OH	β-OH	H	H	=O
198.	α-OH	H	Me	β-OH	β-OH	=O	β-OH	H	β-H	β-OMe
199.	α-OH	H	Me	β-OH	β-OH	=O	β-OH	H	β-H	α-OMe
200.	α-OMe	H	Me	β-OH	β-OH	β-OH	β-OH	H	β-H	OMe
230.	H	H	β-Me	β-OAc	β-OH	β-OH	H	b-OH	H	H
234.	H	H	β-Me	β-OAc	β-OH	β-OH	H	H	H	H
235.	H	H	β-Me	β-OH	β-OH	=O	H	α-OAc	H	H
236.	α-OH	H	β-Me	β-OH	β-OH	β-OAc	H	H	β-OH	H
238.	H	H	β-Me	β-OH	β-OH	β-OH	H	β-OH	H	H
239.	H	H	β-Me	β-OAc	β-OH	β-OH	β-OH	H	H	H
240.	b-OH	H	β-Me	β-OAc	β-OH	β-OAc	β-OH	H	H	H
249.	α-OH	H	β-Me	β-OH	β-OH	=O	H	H	α-OH	H

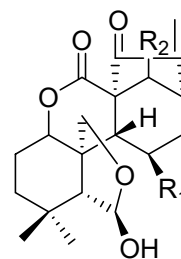




228

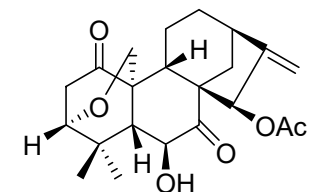


R
231. OAc
243. OH

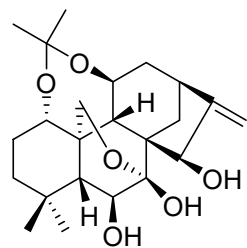


232

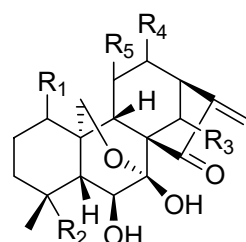
R ₁	R ₂
232. OAc	H
237. OH	H
248. H	α-OH



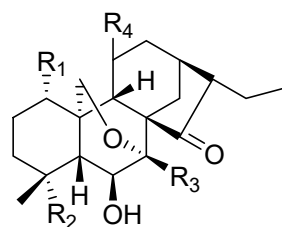
233



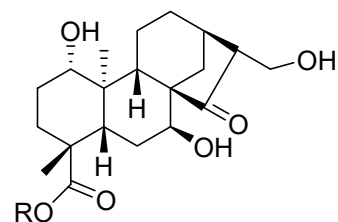
246



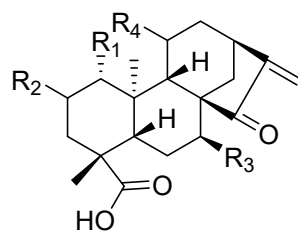
R ₁	R ₂	R ₃	R ₄	R ₅
229. H	α-MeOAc	α-OH	α-OH	H
245. α-OH	α-MeOAc	H	H	α-OH
247. H	α-MeOAc	H	α-OH	H
251. H	α-MeOAc	β-OH	H	H
267. α-OAc	α-MeOAc	β-OH	H	α-H
268. α-OH	α-MeOAc	β-H	H	α-OAc



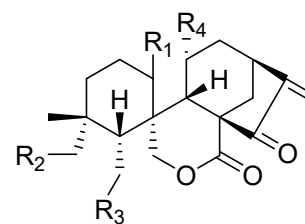
R ₁	R ₂	R ₃	R ₄
242. H	MeOAc	β-OH	α-OAc
250. OH	Me	H	β-OH



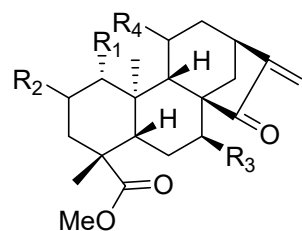
R
257. H
262. Me



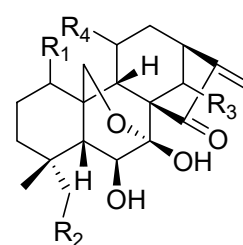
R ₁	R ₂	R ₃	R ₄
252. OH	α-H	OH	β-H
253. H	α-H	OH	β-H
254. =O	H	OH	H
255. H	α-H	OH	β-OH
256. OH	α-OH	OH	β-H
263. OAc	α-H	OH	β-H
264. OAc	α-H	OAc	β-H



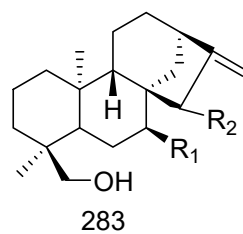
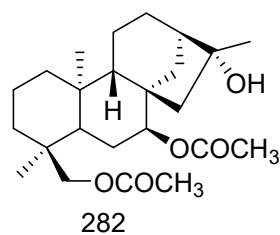
R ₁	R ₂	R ₃	R ₄
241. H	H	CHO	α-OH
244. α-OAc	H	CHO	β-OH
269. α-Me	OAc	OH	α-H
270. α-Me	OH	OH	α-H
271. α-Me	OAc	CHO	α-H
281. α-Me	OAc	CHO	α-OH



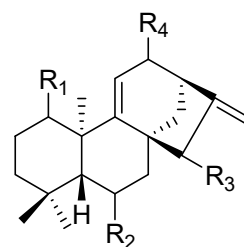
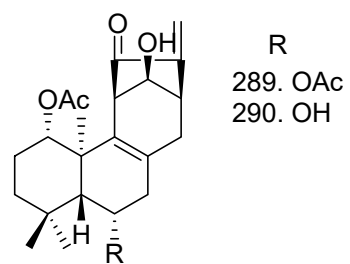
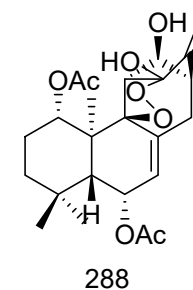
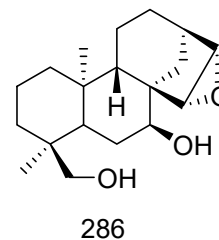
R ₁	R ₂	R ₃	R ₄
258. α -OH	α -H	β -OH	β -H
259. α -H	α -H	β -OH	β -H
260. =O	H	β -OH	H
261. α -OH	α -OH	β -OH	β -H
265. α -OAc	α -H	β -OH	β -H
266. α -OAc	α -H	β -OAc	β -H



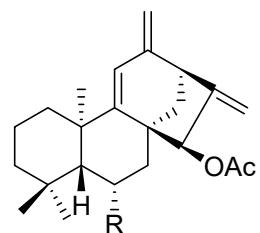
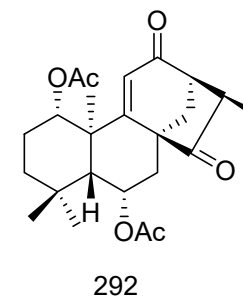
R ₁	R ₂	R ₃	R ₄
274. α -OH	OAc	β -H	α -H
275. α -H	OAc	β -OH	α -H
276. α -H	OAc	β -H	α -OH
277. α -OAc	OAc	β -H	α -H
279. α -OAc	H	β -OH	α -H
280. α -OH	H	β -OH	α -H



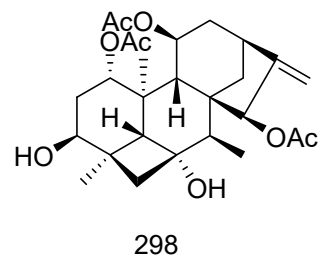
R ₁	R ₂
283. OAc	β -OH
284. OAc	α -OH
285. OH	β -OH
287. OH	H

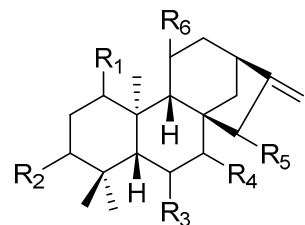


R ₁	R ₂	R ₃	R ₄
291. α -OAc	α -OAc	=O	=O
293. α -OAc	α -OAc	=O	β -OH
294. α -OH	α -OAc	=O	β -OH
297. H	α -OAc	β -OAc	=O

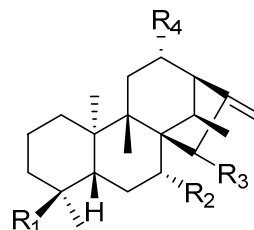


R
295. OH
296. OAc

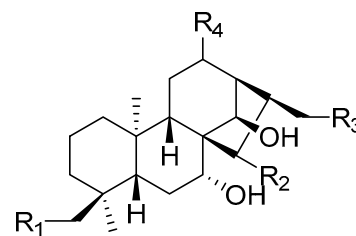




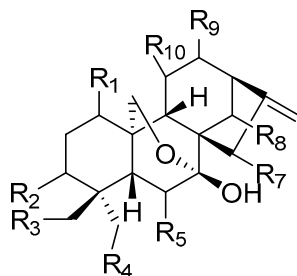
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
299. α -OH	β -OH	α -OAc	β -OAc	=O	β -OAc
300. α -OH	β -OH	=O	β -OAc	β -OAc	β -OAc
301. α -OAc	β -OH	α -OH	β -OAc	β -OAc	β -OAc
302. α -OAc	β -OH	=O	β -OH	β -OH	β -OAc
303. α -OAc	β -OH	α -OH	β -OAc	β -OH	β -OH
304. α -OAc	β -OH	α -OAc	β -OAc	β -OH	β -OH
305. α -OH	β -OH	H	β -OAc	β -OH	β -OAc
306. α -OH	β -OH	α -OH	β -OAc	β -OH	β -OAc
307. α -OH	β -OH	=O	β -H	β -OAc	β -OH
308. α -OAc	β -OH	α -OH	β -OAc	=O	β -OAc
309. α -OAc	β -OH	=O	β -OAc	β -OAc	β -OAc
310. α -OAc	β -OH	=O	β -OH	β -OAc	β -OAc
311. α -OH	β -OAc	α -OH	β -OAc	β -OH	β -OH
312. α -OH	β -OAc	H	β -OAc	β -OH	β -OH
313. α -OAc	β -OH	α -OH	β -OAc	=O	β -OAc
314. α -OAc	β -OH	=O	β -OAc	=O	β -OAc
315. α -OAc	β -OH	β -OH	β -OAc	β -OH	β -OAc
316. α -OAc	β -OH	=O	β -OAc	β -OH	β -OAc
317. α -OH	β -OH	=O	β -OAc	=O	β -OAc



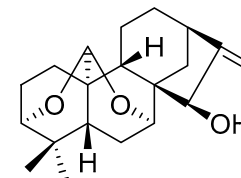
R ₁	R ₂	R ₃	R ₄
318. MeOH	α -OH	β -OAc	α -OH
319. CHO	α -OH	β -OAc	α -OH
320. MeOH	α -OH	β -OAc	α -H
323. MeOH	α -OH	β -H	α -OH
324. CHO	α -OH	=O	α -H
325. COOH	α -OH	=O	α -H
327. AcOHC	α -OH	=O	α -OH
328. CHO	α -OH	=O	α -OH
329. MeOH	α -OH	=O	α -OH
330. MeOH	α -OH	=O	α -H
331. COOH	α -OH	=O	α -OH



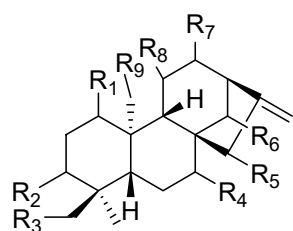
R ₁	R ₂	R ₃	R ₄
321. OH	β -OH	H	=O
322. OAc	=O	OH	α -OH
326. Glc	=O	OH	α -OH
332. H	=O	H	α -OH



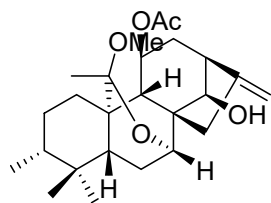
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈
334. α -H	H	H	OAc	β -OH	β -OH	β -H	H
335. α -H	H	OH	H	β -H	β -OH	β -OH	H
350. α -OH	H	H	H	β -OH	=O	β -OH	H
351. α -OH	H	H	H	β -OH	β -OH	β -H	H
406. α -H	α -OH	H	H	β -OH	=O	β -OH	β -H
407. α -H	α -H	H	H	β -OH	=O	β -OH	β -OH
408. α -H	α -H	H	H	β -OAc	β -OAc	β -OH	β -H
409. α -H	α -H	H	H	β -OH	β -OH	β -OH	β -H
410. α -OH	α -H	H	H	β -OH	β -OH	β -OH	β -H
411. α -H	α -H	H	H	β -OH	β -OH	β -OH	β -H
412. α -H	α -H	H	H	β -OH	=O	α -OH	β -H
418. H	α -OH	H	H	β -OH	=O	H	H
483. α -OAc	H	H	H	β -OH	β -OH	β -OH	H
484. α -OH	H	H	H	β -OH	β -OH	β -OH	H



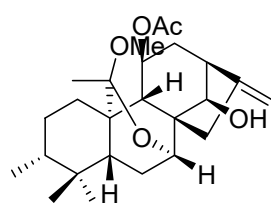
333



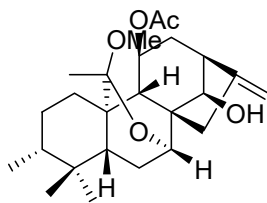
	R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉
339.	H	H	H	α -OH	=O	β -OH	α -OH	β -OH	OAc
340.	H	H	OH	α -OH	=O	β -OH	α -H	β -H	OAc
341.	H	H	OH	α -OH	=O	β -OH	α -H	β -OH	OAc
342.	H	H	H	α -OH	=O	β -OH	α -OH	β -OH	OH
346.	H	H	H	α -OH	=O	β -OH	α -H	β -OH	OAc
347.	H	H	H	α -OH	=O	β -OH	α -H	β -OH	OH
348.	H	H	H	α -OH	=O	β -OH	α -H	β -OH	H
349.	H	H	H	α -OH	=O	β -OH	α -OH	β -OH	H
357.	H	β -OH	H	α -OH	=O	β -OH	α -OH	H	H
358.	H	α -OH	H	α -OH	=O	β -OH	α -OAc	H	H
359.	H	β -OAc	H	α -OAc	=O	β -OH	=O	H	H
360.	H	β -OH	H	α -OH	β -OH	β -OH	=O	H	H
361.	H	β -OH	H	α -H	β -OH	β -OAc	α -OH	H	H
362.	H	α -OH	H	α -OH	β -OH	β -OH	=O	H	H
363.	α -OH	α -OAc	H	α -OH	=O	β -OH	α -OH	H	H
364.	α -OH	α -OAc	H	α -OH	β -OAc	β -OH	=O	H	H
370.	H	α -OH	H	α -OH	=O	β -OH	α -H	H	H
371.	H	α -OH	H	α -OH	=O	β -OH	α -OH	H	H
372.	H	β -OAc	H	α -OH	=O	β -OH	=O	H	H
373.	α -OH	β -OAc	H	α -OH	=O	β -OH	=O	H	H
374.	H	=O	H	α -OH	=O	β -OH	α -H	H	H
375.	H	=O	H	α -OH	=O	β -OAc	α -H	H	H
376.	α -OH	β -OAc	H	α -OH	=O	β -OH	α -H	H	H
377.	α -OH	β -OH	H	α -OH	=O	β -OH	α -H	H	H
378.	α -OH	H	H	α -OH	=O	β -OH	α -H	H	H
379.	H	β -OH	H	α -OH	=O	β -OH	α -H	H	H
380.	H	β -OAc	H	α -OH	=O	β -OAc	α -H	H	H
381.	α -OH	β -OAc	H	α -OH	=O	β -OH	=O	H	H



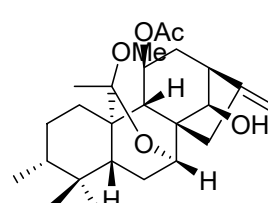
345



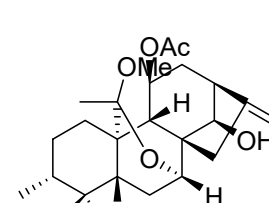
336



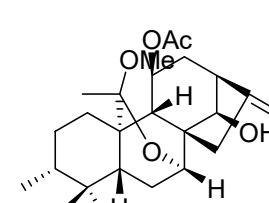
337



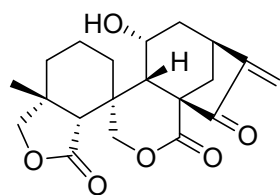
338



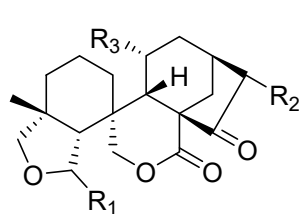
343



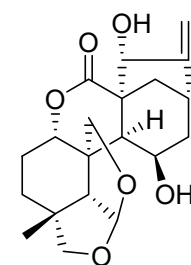
344



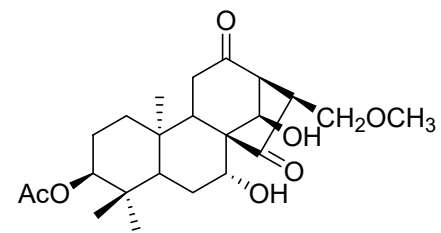
352



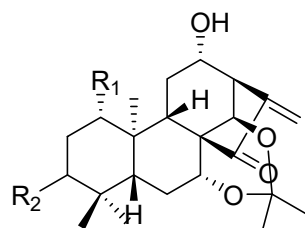
R1	R2	R3
353. OMe	α -Me	α -H
354. α -OH	β -Me	α -H
355. α -OH	β -Me	α -H



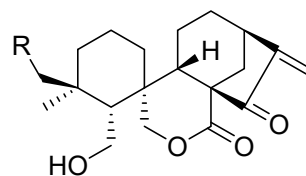
356



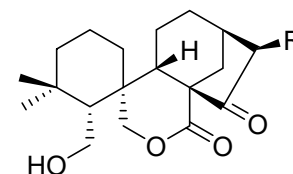
365



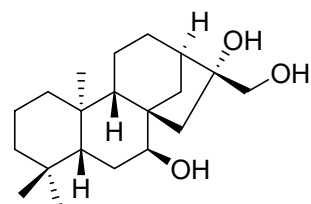
R1	R2
366. H	α -OH
367. H	β -OH
368. OH	β -OAc
369. OH	α -OH



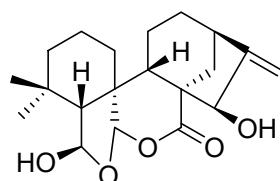
R
382. H
389. OH



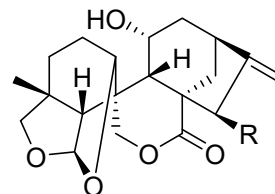
R
383. β -MeOCH ₂
384. α -MeOCH ₂



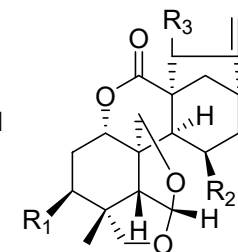
389



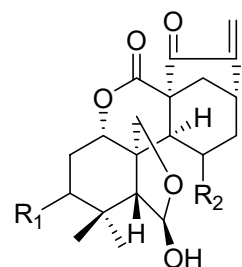
390



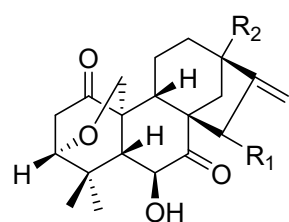
R
385. β -OH
388. =O



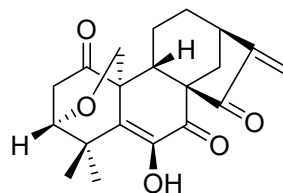
R1	R2	R3
387. OH	OH	=O
396. H	H	=O
397. H	OH	=O
398. H	OH	α -OH



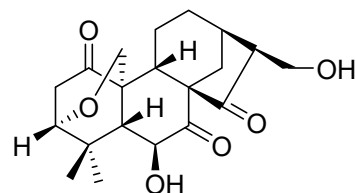
R1	R2
386. α -OH	β -OH
391. H	α -OH
392. β -OH	H
393. H	H
394. H	β -OH
395. β -OH	β -OH



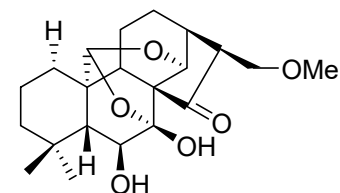
R ₁	R ₂
400. =O	H
402. OH	α-H
403. OAc	α-OH
404. OAc	α-H
421. β-OH	α-OH
425. β-OAc	α-OH
427. β-OAc	H
428. β-OH	H



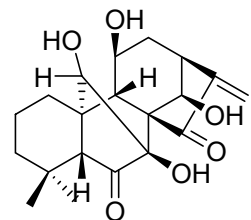
405



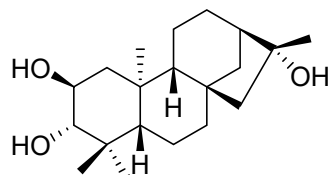
401



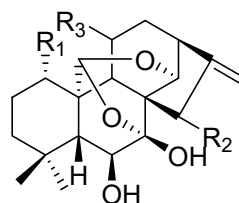
413



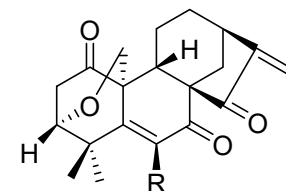
419



420

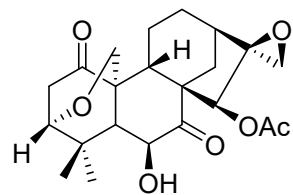


R ₁	R ₂	R ₃
414. H	α-OH	α-OH
415. H	=O	H
416. OH	=O	H
417. H	=O	β-OH
441. OH	β-OH	β-H
442. OH	β-OH	H
443. OH	α-OH	H
444. OH	=O	H
445. OH	=O	β-H
446. H	=O	β-OH
447. H	β-OH	β-H

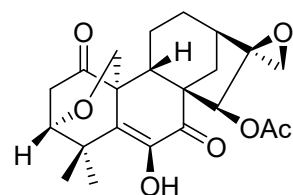


422

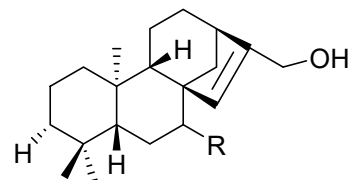
R
422. OH
429. OAc



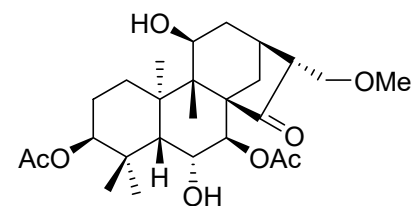
426



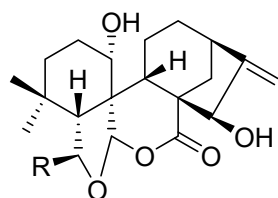
423



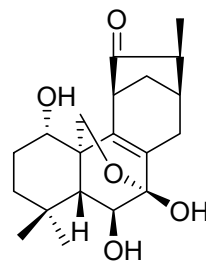
R
424. =O
430. H



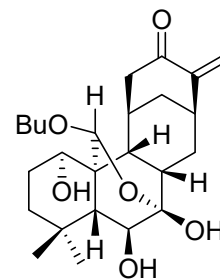
435



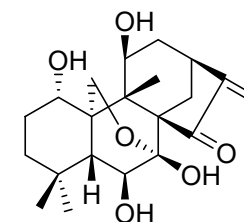
R
448. OMe
449. OH



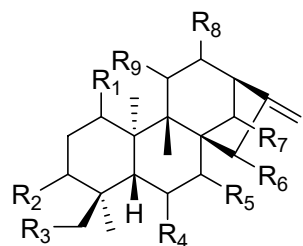
450



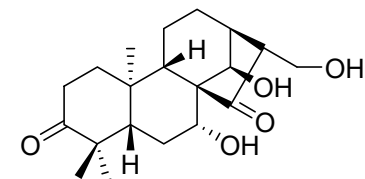
451



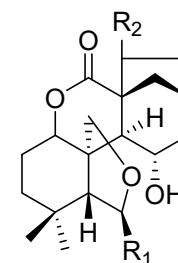
452



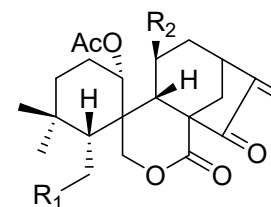
	R1	R2	R3	R4	R5	R6	R7	R8	R9
431.	H	β -OH	H	α -OAc	OAc	=O	H	H	β -OH
432.	H	β -OAc	H	α -OAc	OAc	β -OH	H	H	β -OH
433.	H	β -OAc	H	α -OH	OAc	β -OH	H	H	β -OH
434.	H	β -OAc	H	α -OH	OH	=O	H	H	β -OH
436.	H	β -OAc	H	=O	OAc	=O	H	H	β -OH
437.	H	β -OH	H	α -OAc	OH	=O	H	H	β -OH
438.	H	β -OAc	H	α -OAc	OH	=O	H	H	β -OH
439.	H	β -OAc	H	α -OAc	OAc	=O	H	H	β -OH
440.	H	β -OAc	H	α -OH	OAc	=O	H	H	β -OH
453.	H	b-OAc	H	H	α -OH	β -OH	β -OH	H	H
454.	H	b-OH	H	H	α -OH	β -OH	β -OH	H	H
455.	H	α -OH	H	H	α -OH	β -OH	β -OH	H	H
457.	α -H	β -OAc	H	H	α -OH	=O	β -OH	a-OH	H
458.	α -H	β -OH	H	H	α -OH	=O	β -OH	α -H	H
459.	α -OH	β -OH	H	H	α -OH	=O	β -OH	α -H	H
460.	α -H	=O	H	H	α -OH	=O	β -OH	α -H	H
461.	α -H	=O	OH	H	α -OH	=O	β -OH	α -H	H
462.	α -H	β -OAc	H	H	α -OH	=O	β -OH	α -H	H
463.	α -H	β -OH	H	H	α -OH	=O	β -OH	α -H	H
464.	α -H	α -OH	H	H	α -OH	=O	β -OH	α -H	H
465.	α -H	β -OAc	H	H	α -OAc	=O	β -OH	α -H	H
486.	H	H	OH	H	H	β -OH	β -OH	H	β -OH
497.	H	H	H	H	α -OAc	=O	β -OH	α -OH	β -OH



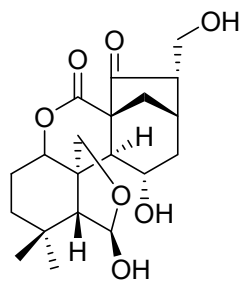
456



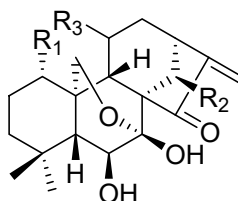
R1	R2
466. OMe	a-OH
470. OMe	=O
471. OH	=O



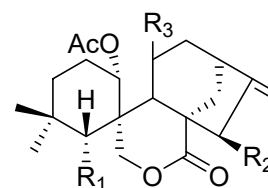
R1	R2
472. OH	OH
473. OH	H
474. OAc	OH
475. OAc	OAc



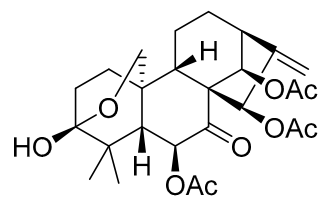
469



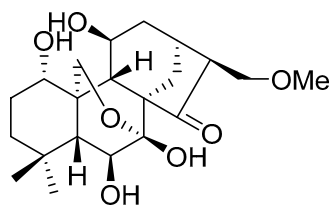
R1	R2	R3
476. OAc	OH	H
477. OH	H	b-OH
478. OH	OH	H
479. OH	H	H
480. OAc	H	a-OAc
481. H	OH	b-OH



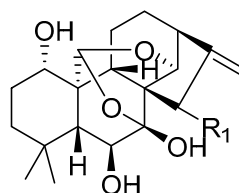
R1	R2	R3
467. MeOH	OH	b-OH
468. MeOAc	OAc	b-OH
482. CHO	=O	a-OH



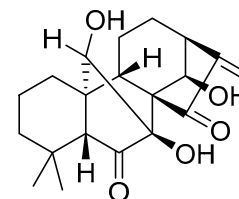
487



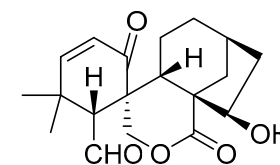
485



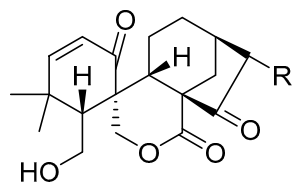
R
488. b-OAc
489. =O



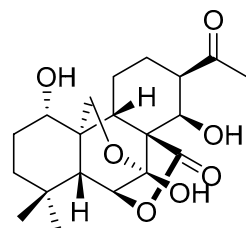
490



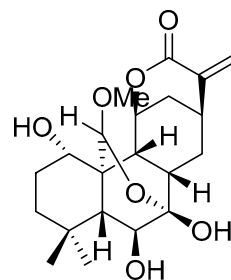
491



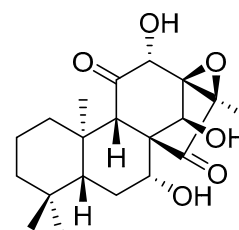
R
492. α -Me
493. β -Me



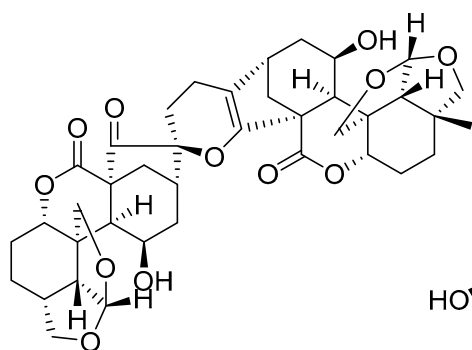
494



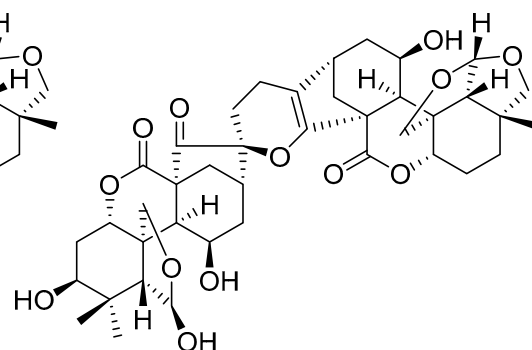
495



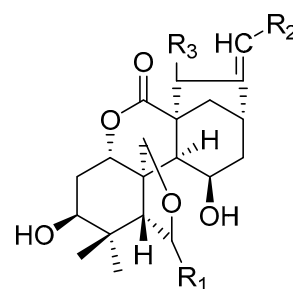
496



500



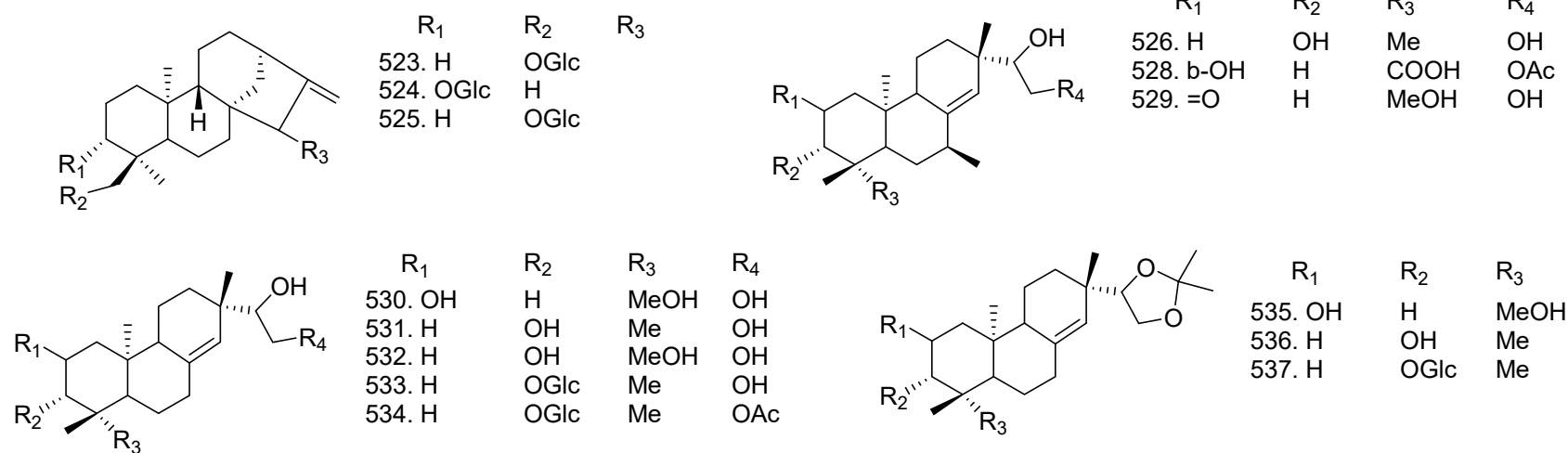
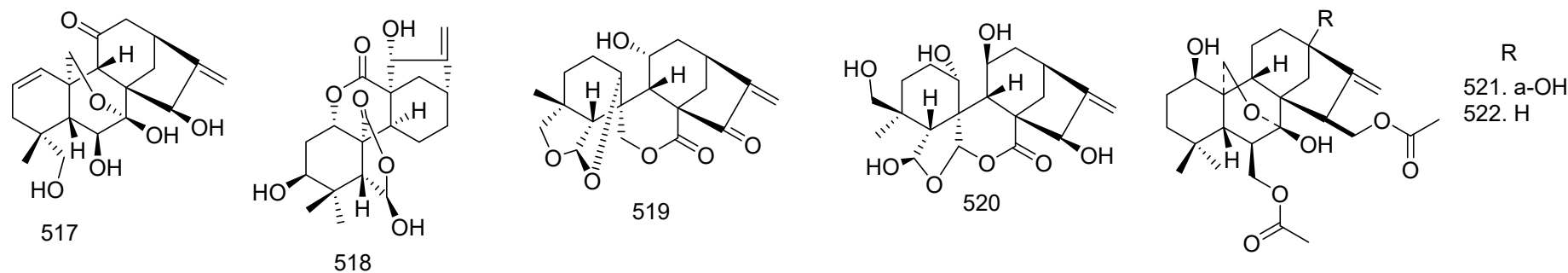
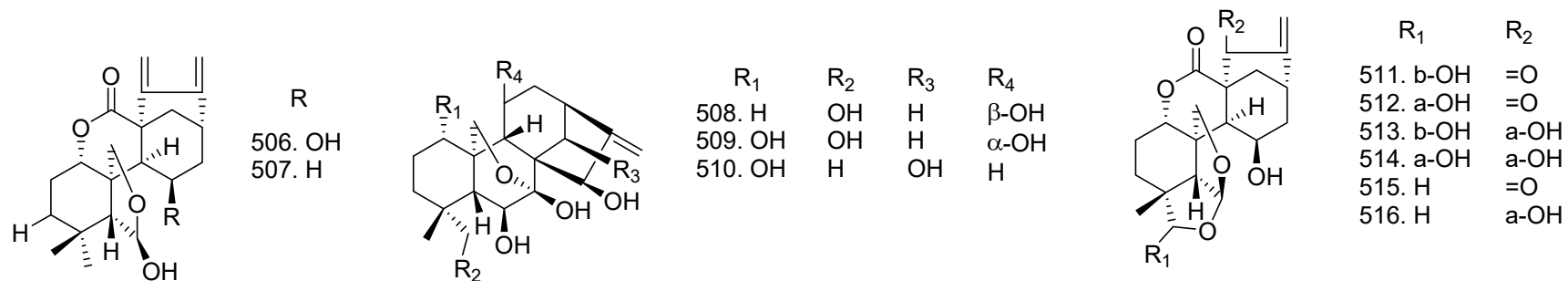
501

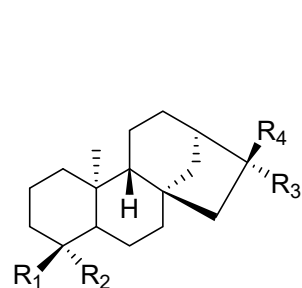
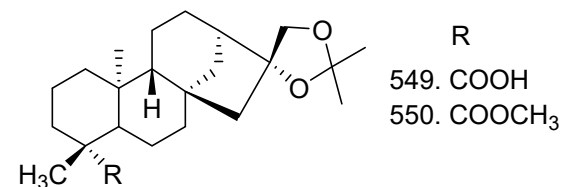
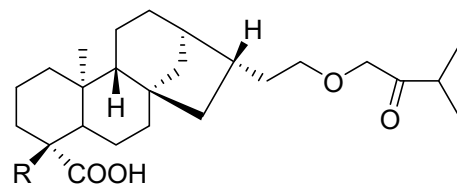
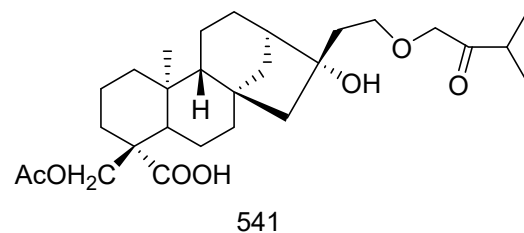


R₁
503. b-OH
504. H
505. H

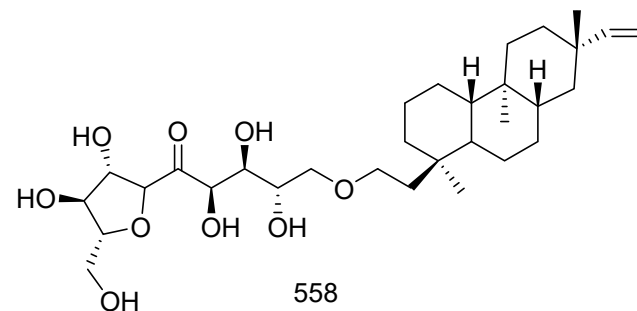
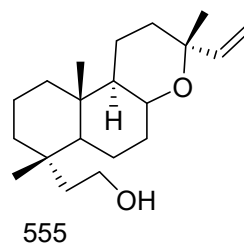
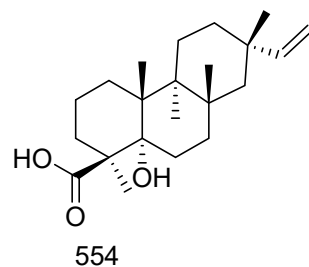
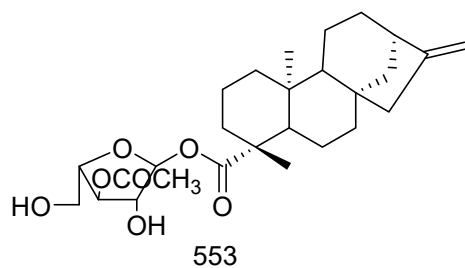
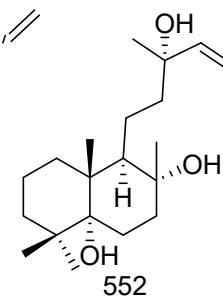
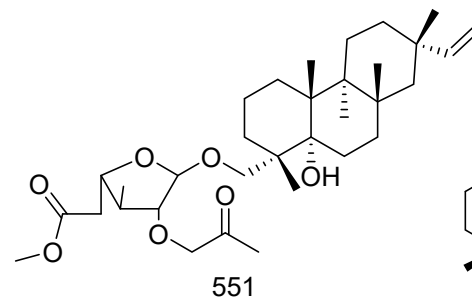
R₂
H
H
OH

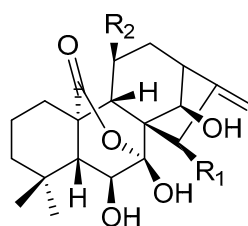
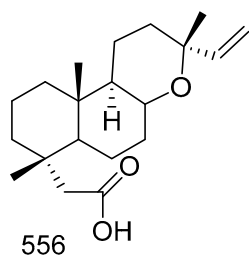
R₃
a-OH
=O
=O



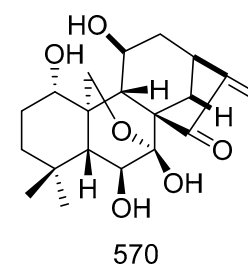
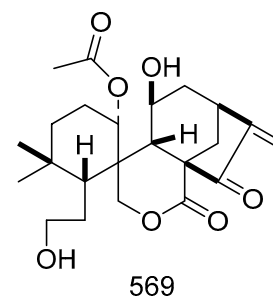
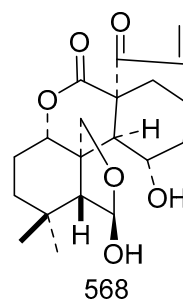
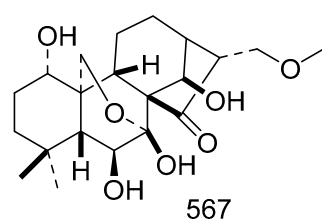
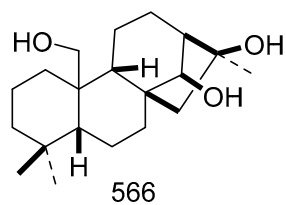
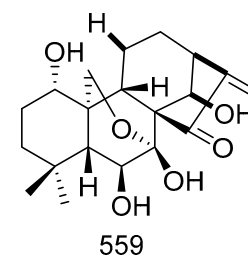
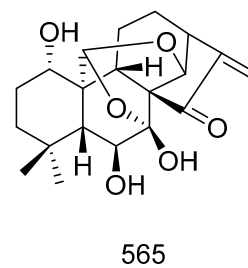


R ₁	R ₂	R ₃	R ₄
538. MeOAc	COOH	MeOH	H
539. MeOAc	COOH	OH	MeOH
542 MeOH	COOH	OH	MeOH
543. MeOH	COOH	MeOH	H
545. Me	COOH	OH	MeOH
546. Me	COOH	H	MeOH
547. Me	COOCH ₃	H	MeOH
548. Me	COOH	COOH	H
557. H	H	OH	Me





R ₁	R ₂
561. OH	OH
562. OH	OAce
563. OH	H
564. =O	H



SUPPLEMENTARY INFORMATION S2: Source and bioactivities of *ent*-kaurane diterpenoidsTable S1. A table showing the source and reported bioactivities of various *ent*-kaurane diterpenoids.

Structure	Source	Bioactivity
1	<i>Jungermania tetragona</i>	Anticancer
2	<i>Jungermania tetragona</i>	Anticancer
3	<i>Jungermania tetragona</i>	Anticancer
4	<i>Jungermania tetragona</i>	NA
5	<i>Jungermania tetragona</i>	Anticancer
6	<i>Jungermania tetragona</i>	NA
7	<i>Jungermania tetragona</i>	NA
8	<i>Jungermania tetragona</i>	NA
9	<i>Jungermania tetragona</i>	NA
10	<i>Jungermania tetragona</i>	Anticancer
11	<i>Jungermania tetragona</i>	NA
12	<i>Jungermania tetragona</i>	Anticancer
13	<i>Jungermania tetragona</i>	NA
14	<i>Jungermania tetragona</i>	NA
15	<i>Jungermania tetragona</i>	NA
16	<i>Jungermania tetragona</i>	NA
17	<i>Jungermania tetragona</i>	NA
18	<i>Jungermania tetragona</i>	NA
19	<i>Jungermania tetragona</i>	NA
20	<i>Jungermania tetragona</i>	NA
21	<i>Jungermania tetragona</i>	Anticancer
22	<i>Jungermania tetragona</i>	Anticancer
23	<i>Jungermania tetragona</i>	Anticancer
24	<i>Jungermania tetragona</i>	NA
25	<i>Jungermania tetragona</i>	NA
26	<i>Jungermania tetragona</i>	NA
27	<i>Jungermania tetragona</i>	NA
28	<i>Jungermania tetragona</i>	NA
29	<i>Jungermania tetragona</i>	NA
30	<i>Jungermania tetragona</i>	NA
31	<i>Jungermani. Sp</i>	Anticancer
32	<i>Jungermani. Sp</i>	Anticancer
33	<i>Jungermani. Sp</i>	Anticancer
34	<i>Jungermani. Sp</i>	Anticancer
35	<i>Jungermani. Sp</i>	Anticancer
36	<i>Jungermani. Sp</i>	Anticancer
37	<i>Jungermani. Sp</i>	Anticancer
38	<i>Jungermani. Sp</i>	Anticancer
39	<i>Jungermani. Sp</i>	NA

40	<i>Jungermani. Sp</i>	NA
41	<i>Jungermani. Sp</i>	NA
42	<i>Jungermani. Sp</i>	NA
43	<i>Jungermani. Sp</i>	NA
44	<i>Jungermani. Sp</i>	NA
45	<i>Jungermani. Sp</i>	NA
46	<i>Jungermani. Sp</i>	NA
47	<i>Jungermani. Sp</i>	NA
48	<i>Jungermani. Sp</i>	NA
49	<i>Jungermani. Sp</i>	NA
50	<i>Jungermani. Sp</i>	NA
51	<i>Jungermani. Sp</i>	NA
52	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
53	<i>Isodon wikstroemioides</i>	NA
54	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
55	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
56	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
57	<i>Isodon wikstroemioides</i>	NA
58	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
59	<i>Isodon rubescens</i>	NA
60	<i>Isodon rubescens</i>	Anticancer
61	<i>Isodon rubescens</i>	NA
62	<i>Isodon rubescens</i>	NT
63	<i>Isodon rubescens</i>	NA
64	<i>Isodon rubescens</i>	NA
65	<i>Isodon rubescens</i>	NA
66	<i>Isodon rubescens</i>	NA
67	<i>Isodon rubescens</i>	Anticancer
68	<i>Isodon rubescens</i>	NA
69	<i>Isodon rubescens var. Taihangensis</i>	Anticancer
70	<i>Isodon rubescens</i>	NA
71	<i>Isodon eryocalyx</i>	NT
72	<i>Isodon eryocalyx</i>	NT
73	<i>Isodon eryocalyx</i>	NT
74	<i>Isodon eryocalyx</i>	NT
75	<i>Isodon eryocalyx</i>	NT
76	<i>Jungermania. Sp</i>	NA
77	<i>Jungermania. Sp</i>	NA
78	<i>Jungermania. Sp</i>	NA
79	<i>Jungermania. Sp</i>	NA
80	<i>Jungermania. Sp</i>	NA
81	<i>Jungermania. Sp</i>	NA

82	<i>Jungermania. Sp</i>	NA
83	<i>Jungermania. Sp</i>	NA
84	<i>Jungermania. Sp</i>	NA
85	<i>Jungermania. Sp</i>	NA
86	<i>Jungermania. Sp</i>	NA
87	<i>Jungermania. Sp</i>	NA
88	<i>Jungermania. Sp</i>	NA
89	<i>Jungermania. Sp</i>	NA
90	<i>Jungermania. Sp</i>	Anticancer
91	<i>Jungermania. Sp</i>	NA
92	<i>Jungermania. Sp</i>	NA
93	<i>Jungermania. Sp</i>	NA
94	<i>Jungermania. Sp</i>	NA
95	<i>Jungermania. Sp</i>	NA
96	<i>Jungermania. Sp</i>	NA
97	<i>Pteris multifida</i>	Anticancer, NO inhibitor
98	<i>Pteris multifida</i>	Anticancer
99	<i>Pteris multifida</i>	NA
100	<i>Pteris multifida</i>	NA
101	<i>Pteris multifida</i>	NA
102	<i>Pteris multifida</i>	NA
103	<i>Pteris multifida</i>	Anticancer, NO inhibitor
104	<i>Pteris multifida</i>	NA
105	<i>Pteris multifida</i>	NA
106	<i>Pteris multifida</i>	NA
107	<i>Pteris multifida</i>	NA
108	<i>Pteris multifida</i>	NA
109	<i>Isodon nervosus</i>	NA
110	<i>Isodon nervosus</i>	Anticancer
111	<i>Isodon nervosus</i>	Anticancer
112	<i>Isodon nervosus</i>	NA
113	<i>Isodon nervosus</i>	Anticancer
114	<i>Isodon nervosus</i>	NT
115	<i>Isodon nervosus</i>	NT
116	<i>Pteris multifida</i>	Anticancer
117	<i>Pteris multifida</i>	Anticancer
118	<i>Isodon angustifolius var. Glabrescens</i>	NT
119	<i>Isodon angustifolius var. Glabrescens</i>	NT
120	<i>Isodon angustifolius var. Glabrescens</i>	NT
121	<i>Isodon parvifolius</i>	NT
122	<i>Isodon parvifolius</i>	NT
123	<i>Isodon parvifolius</i>	NT

124	<i>Isodon parvifolius</i>	NT
125	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
126	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
127	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
128	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
129	<i>Isodon wikstroemioides</i>	Anticancer
130	<i>Isodon wikstroemioides</i>	Anticancer
131	<i>Isodon wikstroemioides</i>	Anticancer
132	<i>Isodon wikstroemioides</i>	Anticancer
133	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
134	<i>Isodon wikstroemioides</i>	NT
135	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
136	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
137	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
138	<i>Isodon wikstroemioides</i>	Anticancer
139	<i>Isodon wikstroemioides</i>	NT
140	<i>Isodon wikstroemioides</i>	NA
141	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
142	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
143	<i>Isodon wikstroemioides</i>	Anticancer
144	<i>Isodon wikstroemioides</i>	Anticancer
145	<i>Isodon wikstroemioides</i>	Anticancer
146	<i>Isodon wikstroemioides</i>	Anticancer
147	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
148	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
149	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
150	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
151	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
152	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
153	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
154	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
155	<i>Isodon wikstroemioides</i>	Anticancer
156	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
157	<i>Isodon wikstroemioides</i>	Anticancer, NO inhibitor
158	<i>Isodon wikstroemioides</i>	Anticancer
159	<i>Isodon wikstroemioides</i>	Anticancer
160	<i>Isodon excisoides</i>	Anticancer
161	<i>Isodon excisoides</i>	Anticancer
162	<i>Isodon excisoides</i>	Anticancer
163	<i>Isodon excisoides</i>	Anticancer
164	<i>Isodon excisoides</i>	Anticancer
165	<i>Isodon excisoides</i>	Anticancer

166	<i>Isodon excisoides</i>	Anticancer
167	<i>Isodon excisoides</i>	Anticancer
168	<i>Isodon excisoides</i>	Anticancer
169	<i>Isodon henryi</i>	Anticancer
170	<i>Isodon henryi</i>	Anticancer
171	<i>Isodon henryi</i>	Anticancer
172	<i>Isodon henryi</i>	Anticancer
173	<i>Isodon henryi</i>	Anticancer
174	<i>Isodon henryi</i>	Anticancer
175	<i>Isodon henryi</i>	Anticancer
176	<i>Isodon rosthornii</i>	NA
177	<i>Isodon rosthornii</i>	NA
178	<i>Isodon rosthornii</i>	NA
179	<i>Isodon rosthornii</i>	Anticancer
180	<i>Isodon rosthornii</i>	NT
181	<i>Isodon rosthornii</i>	Anticancer
182	<i>Isodon rosthornii</i>	Anticancer
183	<i>Isodon rosthornii</i>	Anticancer
184	<i>Isodon rosthornii</i>	Anticancer
185	<i>Isodon rosthornii</i>	Anticancer
186	<i>Isodon rosthornii</i>	Anticancer
187	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
188	<i>Isodon rosthornii</i>	Anticancer
189	<i>Isodon rosthornii</i>	NT
190	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
191	<i>Isodon rosthornii</i>	NT
192	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
193	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
194	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
195	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
196	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
197	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
198	<i>Isodon rosthornii</i>	Anticancer
199	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
200	<i>Isodon rosthornii</i>	Anticancer
201	<i>Isodon rosthornii</i>	Anticancer, NO inhibitor
202	<i>Isodon tenuifolius</i>	Anticancer
203	<i>Isodon tenuifolius</i>	Anticancer, NO inhibitor
204	<i>Isodon tenuifolius</i>	Anticancer
205	<i>Isodon tenuifolius</i>	Anticancer
206	<i>Isodon tenuifolius</i>	Anticancer
207	<i>Isodon tenuifolius</i>	Anticancer

208	<i>Isodon tenuifolius</i>	Anticancer
209	<i>Isodon tenuifolius</i>	Anticancer
210	<i>Isodon tenuifolius</i>	Anticancer
211	<i>Isodon tenuifolius</i>	Anticancer, NO inhibitor
212	<i>Isodon tenuifolius</i>	Anticancer, NO inhibitor
213	<i>Isodon tenuifolius</i>	NA
214	<i>Isodon tenuifolius</i>	Anticancer
215	<i>Isodon tenuifolius</i>	Anticancer, NO inhibitor
216	<i>Isodon tenuifolius</i>	NA
217	<i>Isodon tenuifolius</i>	NA
218	<i>Isodon tenuifolius</i>	Anticancer, NO inhibitor
219	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
220	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
221	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
222	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
223	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
224	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
225	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
226	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
227	<i>Sideritis congesta</i>	NO, BchE, AchE inhibitors
228	<i>Isodon sinuolata</i>	Anticancer
229	<i>Isodon sinuolata</i>	Anticancer
230	<i>Isodon sinuolata</i>	NA
231	<i>Isodon sinuolata</i>	NA
232	<i>Isodon sinuolata</i>	Anticancer
233	<i>Isodon sinuolata</i>	Anticancer
234	<i>Isodon sinuolata</i>	NA
235	<i>Isodon sinuolata</i>	NA
236	<i>Isodon sinuolata</i>	NA
237	<i>Isodon sinuolata</i>	Anticancer
238	<i>Isodon sinuolata</i>	NA
239	<i>Isodon sinuolata</i>	NA
240	<i>Isodon sinuolata</i>	NA
241	<i>Isodon sinuolata</i>	Anticancer
242	<i>Isodon sinuolata</i>	Anticancer
243	<i>Isodon sinuolata</i>	Anticancer
244	<i>Isodon sinuolata</i>	Anticancer
245	<i>Isodon sinuolata</i>	Anticancer
246	<i>Isodon sinuolata</i>	Anticancer
247	<i>Isodon sinuolata</i>	Anticancer
248	<i>Isodon sinuolata</i>	Anticancer
249	<i>Isodon sinuolata</i>	Anticancer

250	<i>Isodon sinuolata</i>	NT
251	<i>Isodon sinuolata</i>	NT
252	<i>Geopyxis. Sp</i>	NT
253	<i>Geopyxis. Sp</i>	Anticancer
254	<i>Geopyxis. Sp</i>	NA
255	<i>Geopyxis. Sp</i>	NA
256	<i>Geopyxis. Sp</i>	NA
257	<i>Geopyxis. Sp</i>	NA
258	<i>Geopyxis. Sp</i>	Anticancer
259	<i>Geopyxis. Sp</i>	Anticancer
260	<i>Geopyxis. Sp</i>	Anticancer
261	<i>Geopyxis. Sp</i>	Anticancer
262	<i>Geopyxis. Sp</i>	NA
263	<i>Geopyxis. Sp</i>	Anticancer
264	<i>Geopyxis. Sp</i>	NA
265	<i>Geopyxis. Sp</i>	Anticancer
266	<i>Geopyxis. Sp</i>	Anticancer
267	<i>Isodon japonicus</i>	NO inhibitors
268	<i>Isodon japonicus</i>	NO inhibitors
269	<i>Isodon japonicus</i>	NO inhibitors
270	<i>Isodon japonicus</i>	NO inhibitors
271	<i>Isodon japonicus</i>	NO inhibitors
272	<i>Isodon japonicus</i>	NO inhibitors
273	<i>Isodon japonicus</i>	NO inhibitors
274	<i>Isodon japonicus</i>	NO inhibitors
275	<i>Isodon japonicus</i>	NO inhibitors
276	<i>Isodon japonicus</i>	NO inhibitors
277	<i>Isodon japonicus</i>	NO inhibitors
278	<i>Isodon japonicus</i>	NO inhibitors
279	<i>Isodon japonicus</i>	NO inhibitors
280	<i>Isodon japonicus</i>	NO inhibitors
281	<i>Isodon japonicus</i>	NO inhibitors
282	<i>Sideritis arguta</i>	NA
283	<i>Sideritis arguta</i>	NT
284	<i>Sideritis arguta</i>	NA
285	<i>Sideritis arguta</i>	NA
286	<i>Sideritis arguta</i>	Anticancer
287	<i>Sideritis arguta</i>	NA
288	<i>Jungermania atrobrunnea</i>	NT
289	<i>Jungermania atrobrunnea</i>	NT
290	<i>Jungermania atrobrunnea</i>	NT
291	<i>Jungermania atrobrunnea</i>	NT

292	<i>Jungermania atrobrunnea</i>	NT
293	<i>Jungermania atrobrunnea</i>	NT
294	<i>Jungermania atrobrunnea</i>	NT
295	<i>Jungermania atrobrunnea</i>	NT
296	<i>Jungermania atrobrunnea</i>	NT
297	<i>Jungermania atrobrunnea</i>	NT
298	<i>Isodon nervosus</i>	NT
299	<i>Isodon nervosus</i>	Anticancer
300	<i>Isodon nervosus</i>	NT
301	<i>Isodon nervosus</i>	NT
302	<i>Isodon nervosus</i>	NT
303	<i>Isodon nervosus</i>	NT
304	<i>Isodon nervosus</i>	NT
305	<i>Isodon nervosus</i>	NT
306	<i>Isodon nervosus</i>	NT
307	<i>Isodon nervosus</i>	NT
308	<i>Isodon nervosus</i>	Anticancer
309	<i>Isodon nervosus</i>	NT
310	<i>Isodon nervosus</i>	NT
311	<i>Isodon nervosus</i>	NT
312	<i>Isodon nervosus</i>	NT
313	<i>Isodon nervosus</i>	Anticancer
314	<i>Isodon nervosus</i>	Anticancer
315	<i>Isodon nervosus</i>	NT
316	<i>Isodon nervosus</i>	NT
317	<i>Isodon nervosus</i>	Anticancer
318	<i>Isodon albopilosus</i>	NT
319	<i>Isodon albopilosus</i>	NT
320	<i>Isodon albopilosus</i>	NT
321	<i>Isodon albopilosus</i>	NT
322	<i>Isodon albopilosus</i>	NT
323	<i>Isodon albopilosus</i>	NT
324	<i>Isodon albopilosus</i>	NT
325	<i>Isodon albopilosus</i>	NT
326	<i>Isodon albopilosus</i>	NT
327	<i>Isodon albopilosus</i>	NT
328	<i>Isodon albopilosus</i>	NT
329	<i>Isodon albopilosus</i>	NT
330	<i>Isodon albopilosus</i>	NT
331	<i>Isodon albopilosus</i>	NT
332	<i>Isodon albopilosus</i>	NT
333	<i>Isodon rubescens var. lushiensis</i>	NA

334	<i>Isodon rubescens var. lushiensis</i>	NA
335	<i>Isodon rubescens var. lushiensis</i>	NA
336	<i>Isodon rubescens var. lushiensis</i>	Anticancer
337	<i>Isodon rubescens var. lushiensis</i>	NA
338	<i>Isodon rubescens var. lushiensis</i>	NA
339	<i>Isodon rubescens var. lushiensis</i>	NA
340	<i>Isodon rubescens var. lushiensis</i>	Anticancer
341	<i>Isodon rubescens var. lushiensis</i>	NA
342	<i>Isodon rubescens var. lushiensis</i>	NA
343	<i>Isodon rubescens var. lushiensis</i>	Anticancer
344	<i>Isodon rubescens var. lushiensis</i>	Anticancer
345	<i>Isodon rubescens var. lushiensis</i>	Anticancer
346	<i>Isodon rubescens var. lushiensis</i>	Anticancer
347	<i>Isodon rubescens var. lushiensis</i>	Anticancer
348	<i>Isodon rubescens var. lushiensis</i>	Anticancer
349	<i>Isodon rubescens var. lushiensis</i>	Anticancer
350	<i>Isodon rubescens var. lushiensis</i>	Anticancer
351	<i>Isodon rubescens var. lushiensis</i>	Anticancer
352	<i>Isodon rubescens var. lushiensis</i>	Anticancer
353	<i>Isodon rubescens var. lushiensis</i>	NA
354	<i>Isodon rubescens var. lushiensis</i>	NA
355	<i>Isodon rubescens var. lushiensis</i>	NA
356	<i>Isodon rubescens var. lushiensis</i>	NA
357	<i>Isodon pharicus</i>	NT
358	<i>Isodon pharicus</i>	Anticancer
359	<i>Isodon pharicus</i>	NA
360	<i>Isodon pharicus</i>	NT
361	<i>Isodon pharicus</i>	NA
362	<i>Isodon pharicus</i>	Anticancer
363	<i>Isodon pharicus</i>	Anticancer
364	<i>Isodon pharicus</i>	Anticancer
365	<i>Isodon pharicus</i>	Anticancer
366	<i>Isodon pharicus</i>	Anticancer
367	<i>Isodon pharicus</i>	NT
368	<i>Isodon pharicus</i>	NT
369	<i>Isodon pharicus</i>	NT
370	<i>Isodon pharicus</i>	Anticancer
371	<i>Isodon pharicus</i>	NA
372	<i>Isodon pharicus</i>	Anticancer
373	<i>Isodon pharicus</i>	NA
374	<i>Isodon pharicus</i>	Anticancer
375	<i>Isodon pharicus</i>	Anticancer

376	<i>Isodon pharicus</i>	NA
377	<i>Isodon pharicus</i>	NA
378	<i>Isodon pharicus</i>	Anticancer
379	<i>Isodon pharicus</i>	Anticancer
380	<i>Isodon pharicus</i>	Anticancer
381	<i>Isodon pharicus</i>	NA
382	<i>Isodon sculponeatus</i>	Anticancer
383	<i>Isodon sculponeatus</i>	Anticancer
384	<i>Isodon sculponeatus</i>	NA
385	<i>Isodon sculponeatus</i>	NA
386	<i>Isodon sculponeatus</i>	NA
387	<i>Isodon sculponeatus</i>	NA
388	<i>Isodon sculponeatus</i>	Anticancer
389	<i>Isodon sculponeatus</i>	NA
390	<i>Isodon sculponeatus</i>	NA
391	<i>Isodon sculponeatus</i>	Anticancer
392	<i>Isodon sculponeatus</i>	Anticancer
393	<i>Isodon sculponeatus</i>	Anticancer
394	<i>Isodon sculponeatus</i>	Anticancer
395	<i>Isodon sculponeatus</i>	Anticancer
396	<i>Isodon sculponeatus</i>	Anticancer
397	<i>Isodon sculponeatus</i>	Anticancer
398	<i>Isodon sculponeatus</i>	NA
399	<i>Isodon sculponeatus</i>	NT
400	<i>Isodon eriocalyx var. laxiflora</i>	Anticancer
401	<i>Isodon eriocalyx var. laxiflora</i>	Anticancer
402	<i>Isodon eriocalyx var. laxiflora</i>	Anticancer
403	<i>Isodon eriocalyx var. laxiflora</i>	NA
404	<i>Isodon eriocalyx var. laxiflora</i>	NT
405	<i>Isodon eriocalyx var. laxiflora</i>	Anticancer
406	<i>Isodon phyllostachys</i>	NA
407	<i>Isodon phyllostachys</i>	NA
408	<i>Isodon phyllostachys</i>	NA
409	<i>Isodon phyllostachys</i>	NA
410	<i>Isodon phyllostachys</i>	NA
411	<i>Isodon phyllostachys</i>	NA
412	<i>Isodon phyllostachys</i>	NA
413	<i>Isodon phyllostachys</i>	NA
414	<i>Isodon phyllostachys</i>	NA
415	<i>Isodon phyllostachys</i>	NA
416	<i>Isodon phyllostachys</i>	NA
417	<i>Isodon phyllostachys</i>	NA

418	<i>Isodon phyllostachys</i>	NA
419	<i>Isodon phyllostachys</i>	NA
420	<i>Isodon phyllostachys</i>	NA
421	<i>Isodon eriocalyx var. laxiflora</i>	NA
422	<i>Isodon eriocalyx var. laxiflora</i>	NA
423	<i>Isodon eriocalyx var. laxiflora</i>	NA
424	<i>Isodon eriocalyx var. laxiflora</i>	NA
425	<i>Isodon eriocalyx var. laxiflora</i>	NA
426	<i>Isodon eriocalyx var. laxiflora</i>	NA
427	<i>Isodon eriocalyx var. laxiflora</i>	NA
428	<i>Isodon eriocalyx var. laxiflora</i>	Anticancer
429	<i>Isodon eriocalyx var. laxiflora</i>	NA
577	<i>Isodon nervosus</i>	Anticancer
431	<i>Isodon rubescens</i>	Anticancer
432	<i>Isodon rubescens</i>	NA
433	<i>Isodon rubescens</i>	NA
434	<i>Isodon rubescens</i>	Anticancer
435	<i>Isodon rubescens</i>	NA
436	<i>Isodon rubescens</i>	Anticancer
437	<i>Isodon rubescens</i>	Anticancer
438	<i>Isodon rubescens</i>	Anticancer
439	<i>Isodon rubescens</i>	Anticancer
440	<i>Isodon rubescens</i>	Anticancer
441	<i>Isodon rosthorni</i>	NA
442	<i>Isodon rosthorni</i>	NA
443	<i>Isodon rosthorni</i>	NA
444	<i>Isodon rosthorni</i>	NA
445	<i>Isodon rosthorni</i>	Anticancer
446	<i>Isodon rosthorni</i>	Anticancer
447	<i>Isodon rosthorni</i>	Anticancer
448	<i>Isodon rosthorni</i>	NA
449	<i>Isodon rosthorni</i>	NA
450	<i>Isodon parvifolius</i>	NA
451	<i>Isodon parvifolius</i>	Anticancer
452	<i>Isodon parvifolius</i>	NT
453	<i>Isodon henryi</i>	NT
454	<i>Isodon henryi</i>	NT
455	<i>Isodon henryi</i>	NT
456	<i>Isodon henryi</i>	NT
457	<i>Isodon henryi</i>	NT
458	<i>Isodon henryi</i>	NT
459	<i>Isodon henryi</i>	NT

460	<i>Isodon henryi</i>	NT
461	<i>Isodon henryi</i>	NT
462	<i>Isodon henryi</i>	NT
463	<i>Isodon henryi</i>	NT
464	<i>Isodon henryi</i>	NT
465	<i>Isodon henryi</i>	NT
466	<i>Isodon japonicus</i>	NT
467	<i>Isodon japonicus</i>	NT
468	<i>Isodon japonicus</i>	NT
469	<i>Isodon japonicus</i>	NT
470	<i>Isodon japonicus</i>	NT
471	<i>Isodon japonicus</i>	NT
472	<i>Isodon japonicus</i>	NT
473	<i>Isodon japonicus</i>	NT
474	<i>Isodon japonicus</i>	NT
475	<i>Isodon japonicus</i>	NT
476	<i>Isodon japonicus</i>	NT
477	<i>Isodon japonicus</i>	NT
478	<i>Isodon japonicus</i>	NT
479	<i>Isodon japonicus</i>	NT
480	<i>Isodon japonicus</i>	NT
481	<i>Isodon japonicus</i>	NT
482	<i>Isodon japonicus</i>	NT
483	<i>Isodon japonicus</i>	NT
484	<i>Isodon japonicus</i>	NT
485	<i>Isodon japonicus</i>	NT
486	<i>Isodon rubescens</i>	NT
487	<i>Isodon rubescens</i>	NT
488	<i>Isodon rubescens</i>	NT
489	<i>Isodon rubescens</i>	Anticancer
490	<i>Isodon rubescens</i>	Anticancer
491	<i>Isodon rubescens</i>	NT
492	<i>Isodon rubescens</i>	NT
493	<i>Isodon rubescens</i>	NT
494	<i>Rabdosia rubescens</i>	NT
495	<i>Rabdosia rubescens</i>	NT
496	<i>Isodon scoparius</i>	NA
497	<i>Isodon scoparius</i>	NA
498	<i>Isodon scoparius</i>	Anticancer
499	<i>Isodon scoparius</i>	NT
500	<i>Isodon sculponeatus</i>	Anticancer
501	<i>Isodon sculponeatus</i>	Anticancer

502	<i>Isodon sculponeatus</i>	NT
503	<i>Isodon sculponeatus</i>	Anticancer
504	<i>Isodon sculponeatus</i>	NT
505	<i>Isodon sculponeatus</i>	Anticancer
506	<i>Isodon sculponeatus</i>	Anticancer
507	<i>Isodon sculponeatus</i>	NT
508	<i>Isodon sculponeatus</i>	NT
509	<i>Isodon sculponeatus</i>	NT
510	<i>Isodon sculponeatus</i>	NT
511	<i>Isodon sculponeatus</i>	NT
512	<i>Isodon sculponeatus</i>	NT
513	<i>Isodon sculponeatus</i>	NT
514	<i>Isodon sculponeatus</i>	Anticancer
515	<i>Isodon sculponeatus</i>	NT
516	<i>Isodon sculponeatus</i>	NT
517	<i>Isodon sculponeatus</i>	NT
518	<i>Isodon sculponeatus</i>	Anticancer
519	<i>Isodon sculponeatus</i>	NT
520	<i>Isodon japonica</i>	NT
521	<i>Isodon japonica</i>	NT
522	<i>Casearia sylvestris</i>	NT
523	<i>Casearia sylvestris</i>	NT
524	<i>Casearia sylvestris</i>	NT
525	<i>Siegesbeckia pubescens</i>	NT
526	<i>Siegesbeckia pubescens</i>	NT
527	<i>Siegesbeckia pubescens</i>	NT
528	<i>Siegesbeckia pubescens</i>	NT
529	<i>Siegesbeckia pubescens</i>	NT
530	<i>Siegesbeckia pubescens</i>	NT
531	<i>Siegesbeckia pubescens</i>	NT
532	<i>Siegesbeckia pubescens</i>	NT
533	<i>Siegesbeckia pubescens</i>	NT
534	<i>Siegesbeckia pubescens</i>	NT
535	<i>Siegesbeckia pubescens</i>	NT
536	<i>Siegesbeckia pubescens</i>	NT
537	<i>Siegesbeckia pubescens</i>	NT
538	<i>Siegesbeckia pubescens</i>	NT
539	<i>Siegesbeckia pubescens</i>	NT
540	<i>Siegesbeckia pubescens</i>	NT
541	<i>Siegesbeckia pubescens</i>	NT
542	<i>Siegesbeckia pubescens</i>	NT
543	<i>Siegesbeckia pubescens</i>	NT

544	<i>Siegesbeckia pubescens</i>	NT
545	<i>Siegesbeckia pubescens</i>	NT
546	<i>Siegesbeckia pubescens</i>	NT
547	<i>Siegesbeckia pubescens</i>	NT
548	<i>Siegesbeckia pubescens</i>	NT
549	<i>Siegesbeckia pubescens</i>	NT
550	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
551	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
552	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
553	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
554	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
555	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
556	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
557	<i>Sagittaria trifolia</i> var. <i>sinensis</i>	NT
558	<i>Isodon macrophyllus</i>	NT
559	<i>Isodon macrophyllus</i>	NT
560	<i>Isodon xerophilus</i>	NT
561	<i>Isodon xerophilus</i>	NT
562	<i>Isodon xerophilus</i>	NT
563	<i>Isodon xerophilus</i>	NT
564	<i>Isodon xerophilus</i>	Anticancer
565	<i>Isodon macrophyllus</i>	NT
566	<i>Isodon macrophyllus</i>	NT
567	<i>Isodon macrophyllus</i>	NT
568	<i>Isodon macrophyllus</i>	NT
569	<i>Isodon macrophyllus</i>	NT
570	<i>Isodon nervosus</i>	NT

NA (Not Active) are not active against tested cancer cell lines ($IC_{50} > 50$) and NT (Not Tested) have no reported bioactivities.

[illegible]

