Supporting Information

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Two New Seco-abietanoids with Xanthine Oxidase Inhibitory Activity from *Cryptomeria japonica*

Chi-I Chang^{1,2}, Cheng-Chi Chen³, Sheng-Yang Wang^{4,5}, Jih-Jung Chen^{6,7}, Chiy-Rong Chen⁸, Che-Yi Chao^{9,10,**} and Yueh-Hsiung Kuo^{11,12,13,*}

¹Department of Biological Science and Technology, National Pingtung University of Science and Technology, Pingtung 912, Taiwan

²Research Center for Active Natural Products Development, National Pingtung University of Science and Technology, Pingtung 912, Taiwan

³Department of Chemistry, National Taiwan University, Taipei 106, Taiwan

⁴Department of Forestry, National Chung-Hsing University, Taichung 402, Taiwan

⁵Agricultural Biotechnology Research Center, Academia Sinica, Taipei 115, Taiwan

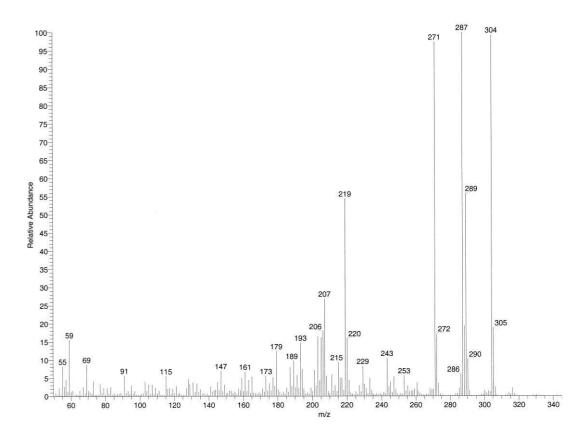
⁶Faculty of Pharmacy, School of Pharmaceutical Sciences, National Yang-Ming University,

Taipei 112, Taiwan

Department of Medical Research, China Medical University Hospital, Taichung 404, Taiwan
 Bepartment of Life Science, National Taitung University, Taitung 950, Taiwan
 Department of Food Nutrition and Health Biotechnology, Asia University, Taichung, Taiwan
 Department of Medical Research, China Medical University Hospital, China Medical University, Taichung, Taiwan

Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources, College of Pharmacy, China Medical University, Taichung 404, Taiwan
 Department of Biotechnology, Asia University, Taichung 413, Taiwan
 Chinese Medicine Research Center, China Medical University, Taichung 404, Taiwan

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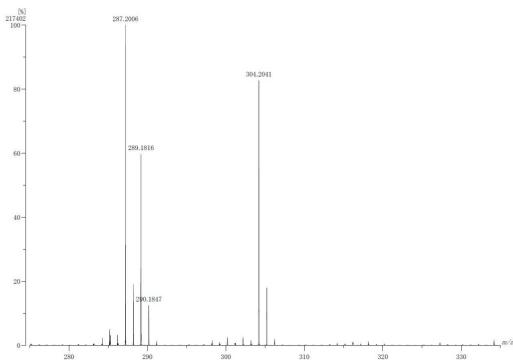


Figure S1: Mass Spectrum of compound 1 (EI-MS Spectrum and HR-EI-MS data)

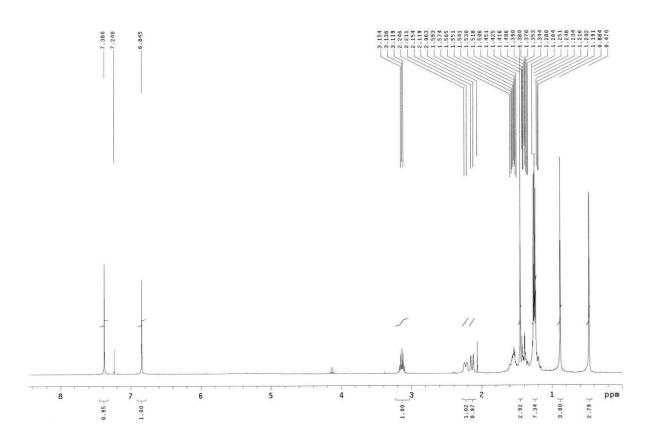


Figure S2: ¹H-NMR spectrum of compound 1 in CDCl₃

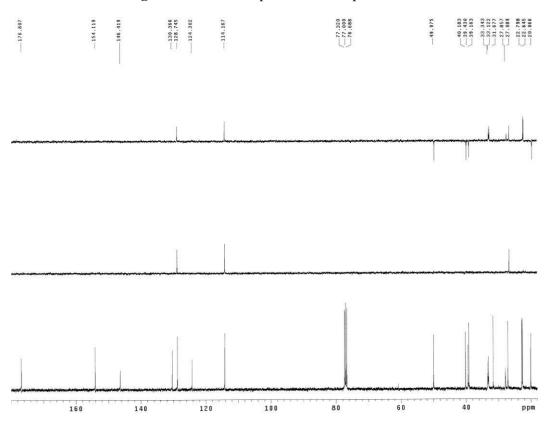


Figure S3: ¹³C-NMR spectrum and DEPT of compound 1 in CDCl₃

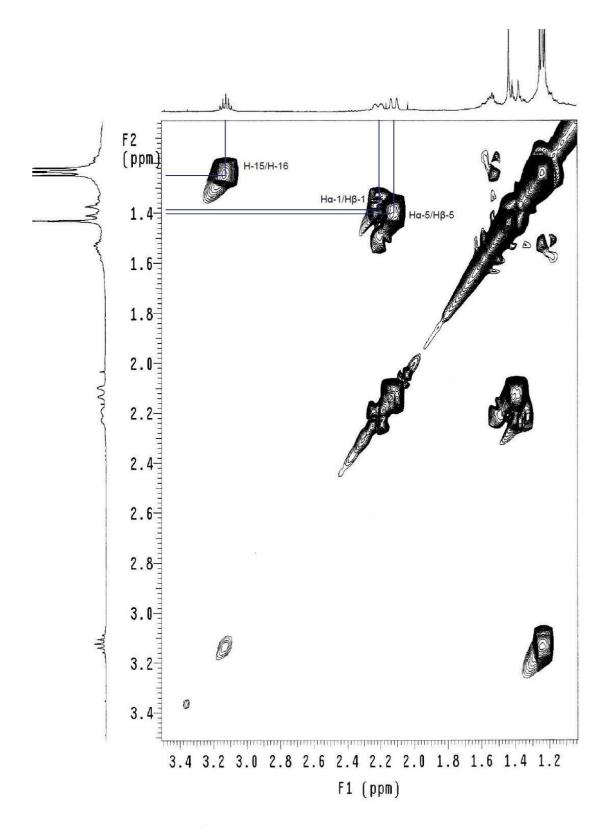


Figure S4: ¹H-¹H COSY spectrum of compound 1 in CDCl₃

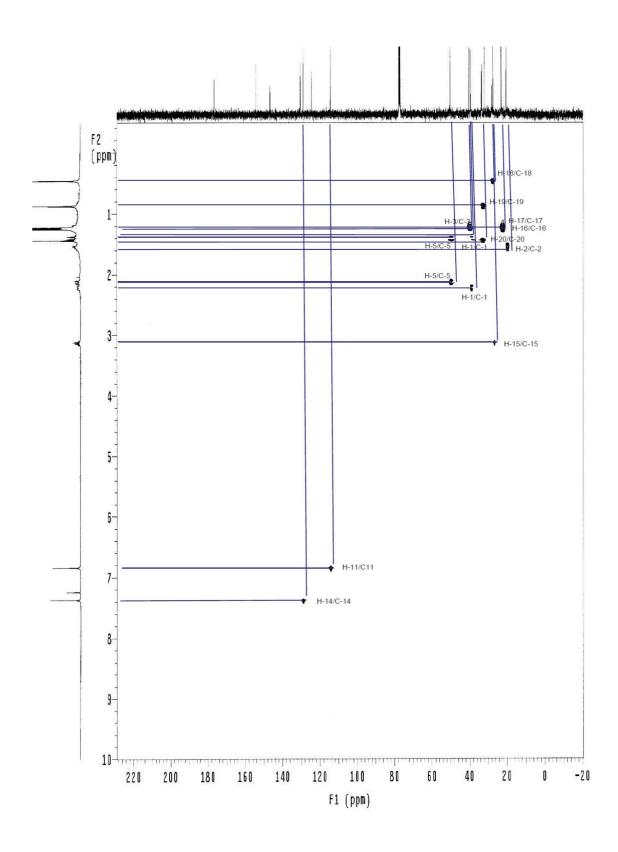


Figure S5: HMQC spectrum of compound 1 in CDCl₃

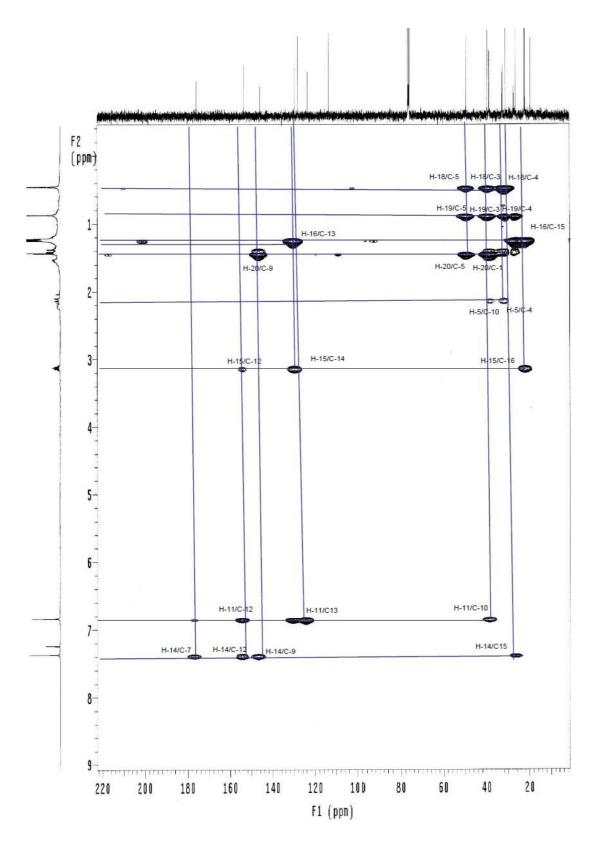


Figure S6: HMBC spectrum of compound 1in CDCl₃

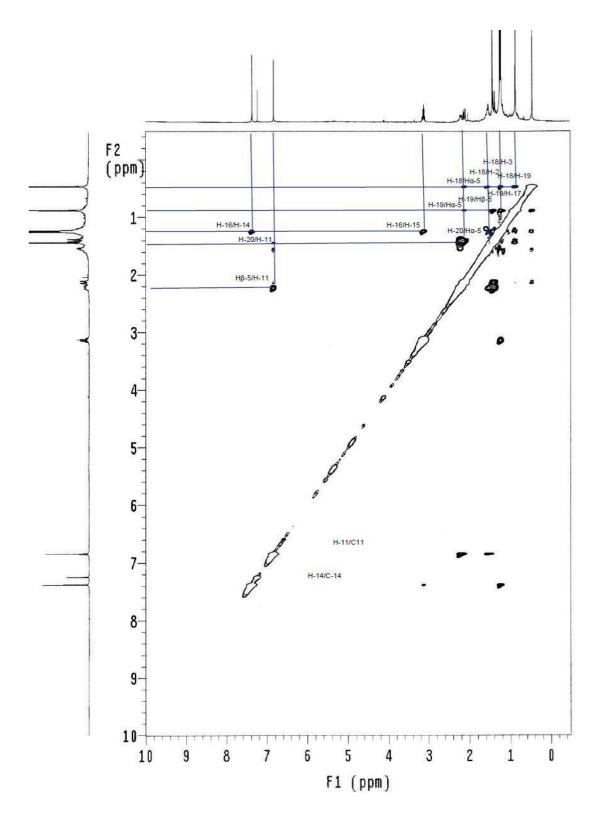
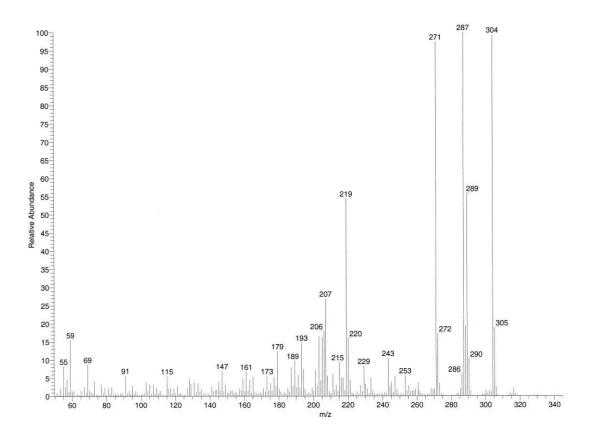


Figure S7: NOSEY spectrum of compound 1 in CDCl₃





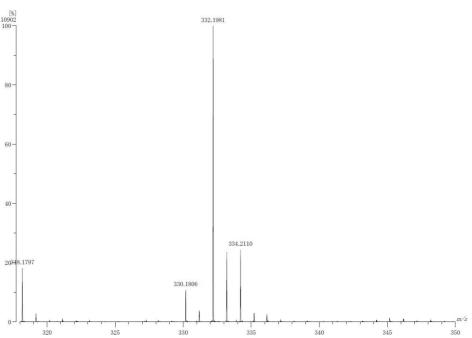
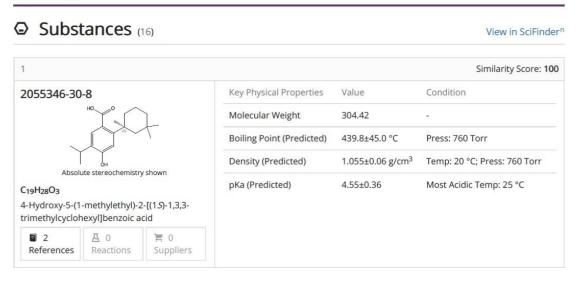


Figure S8: Mass Spectrum of compound 3 (EI-MS Spectrum and HR-EI-MS data)

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SciFinderⁿ®

Figure S9: Scifinder report for compound 1

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	1		reference compound	
Position	δ_{C}	$\delta_{ ext{H}}$	δ_{C}^* δ_{H}	
1	39.1	2.23 br d (14.0),	2.14 m,	
		1.38 m	1.40 m	
2	20.0	1.56 m, 1.58 m	1.56 m	
3	40.1	1.20 m, 1.24 m	1.60 m	
4	31.6			
5	49.9	1.41 d (14.0),		
		2.13 d (14.0)		
6				
7	176.8			
8	124.3			
9	146.4			
10	39.4			
11	114.1	6.84 s	6.84 s	
12	154.1			
13	130.3			
14	128.7	7.38 s	7.36 s	
15	27.0	3.13 sept (7.0)		
16	22.7	1.24 d (7.0)	4.25 d (6.8)	
17	22.6	1.26 d (7.0)	1.26 d (6.8)	
18	27.8	0.47 s	ر 0.47 s	
19	33.1	0.88 s	0.88 s	
20	33.3	1.45 s	1.45 s	
7-OH			J	

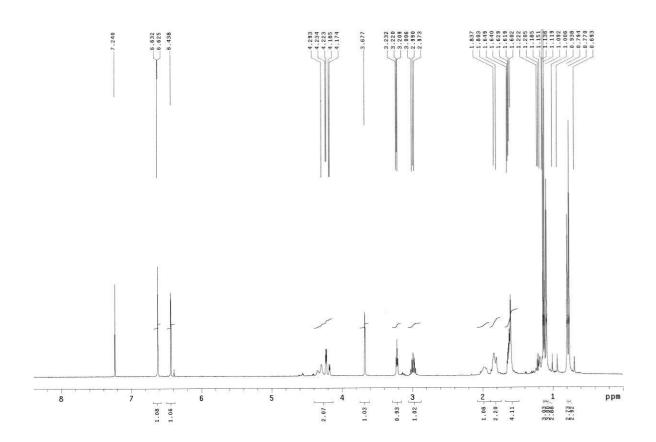


Figure S10: ¹H-NMR spectrum of compound 3 in CDCl₃

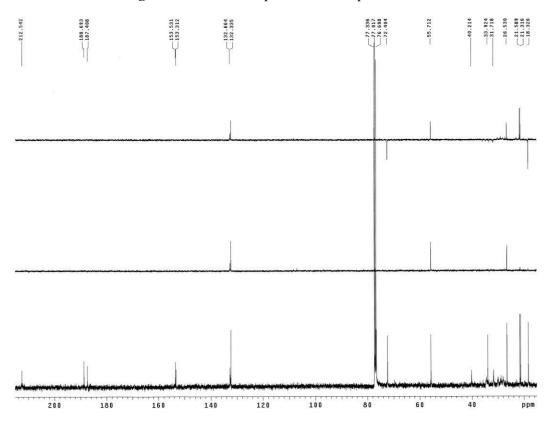


Figure S11: ¹³C-NMR spectrum and DEPT of compound 3 in CDCl₃

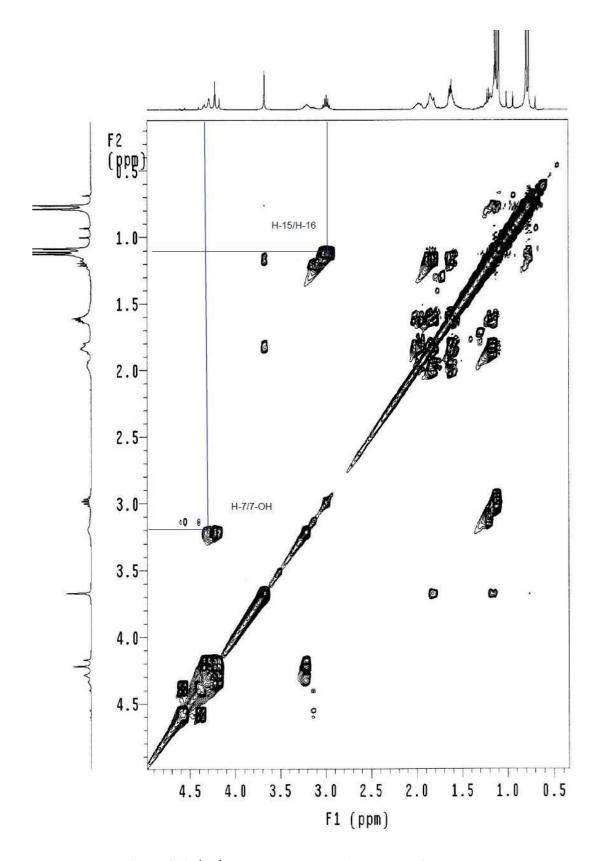


Figure S12: ¹H-¹H COSY spectrum of compound 3 in CDCl₃

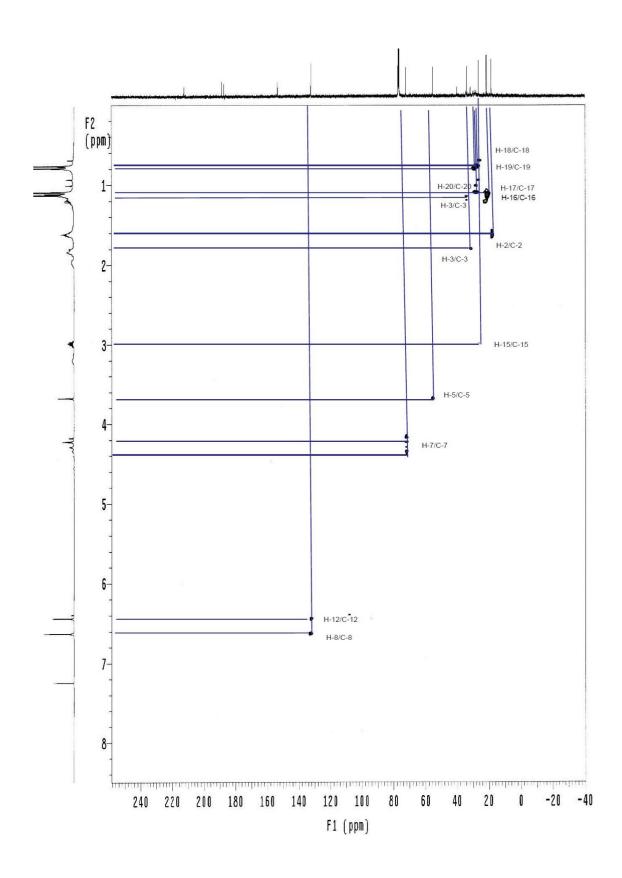


Figure S13: HMQC spectrum of compound 3 in CDCl₃

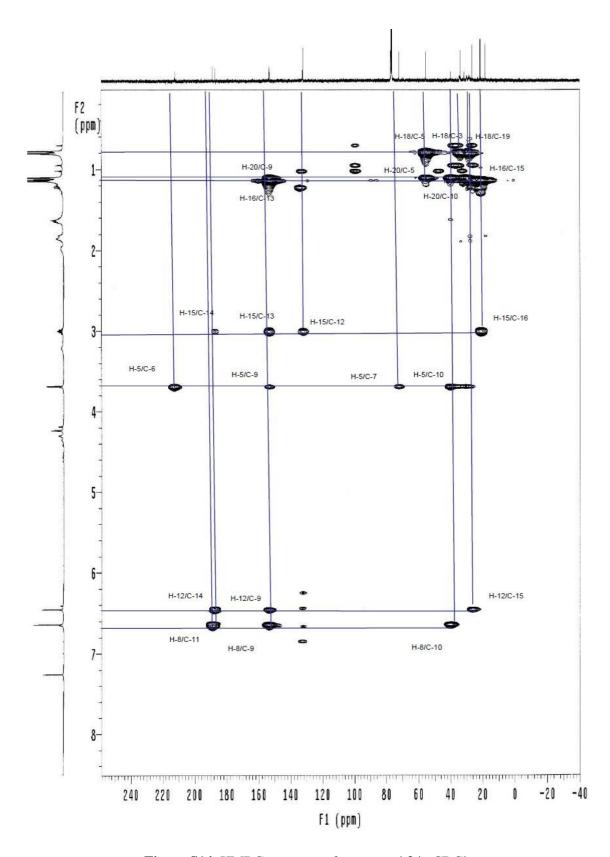


Figure S14: HMBC spectrum of compound 3 in CDCl₃

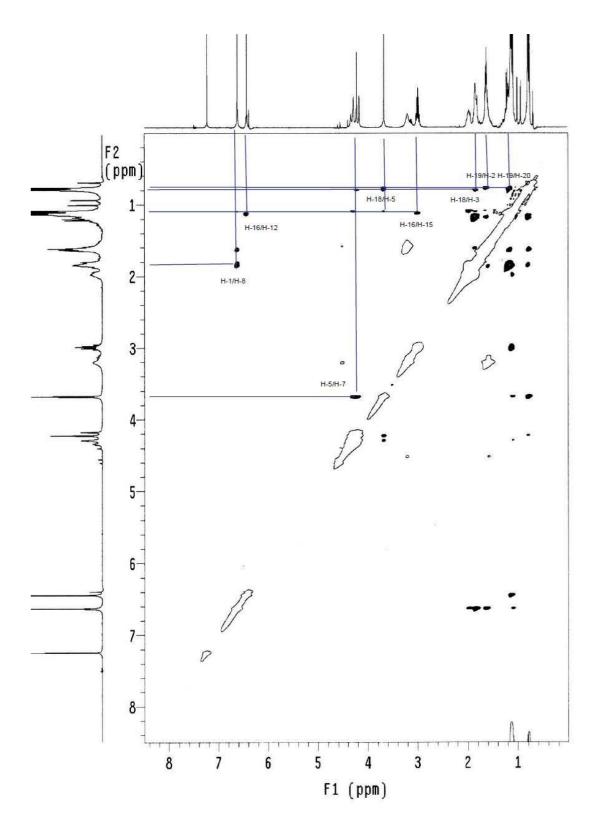


Figure S15: NOSEY spectrum of compound 3 in CDCl₃

SciFinderⁿ® Page 1



Task History

Initiating Search

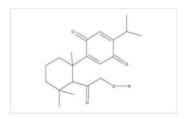
September 29, 2021, 9:27AM

 ☐ Substances:

Filtered By:

Structure Match: Similarity
Similarity: 85-89, 90-94

Number of Components:



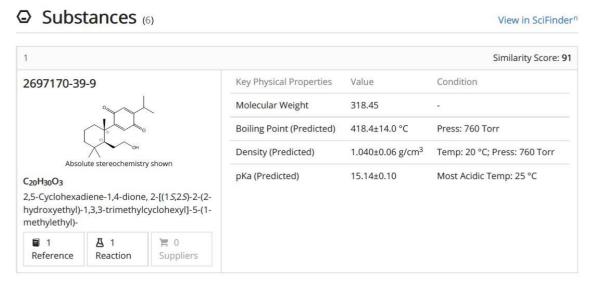
Search Tasks

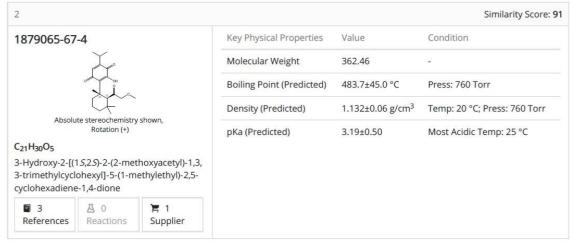
Task	Search Type	View
Exported: Returned Substance Results + Filters		View Results

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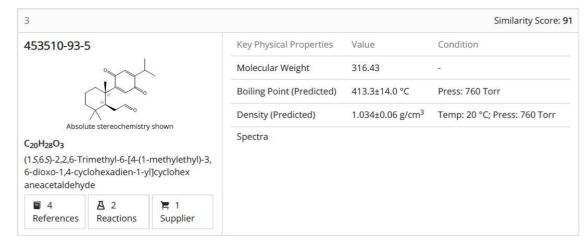


Figure S16: Scifinder report for compound 3

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