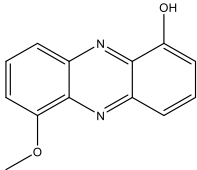
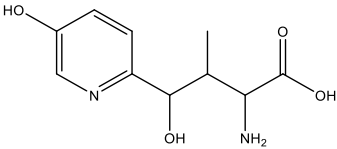
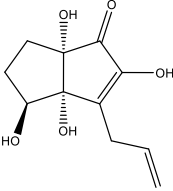
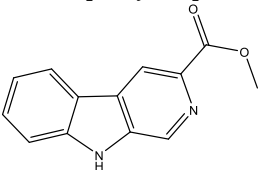
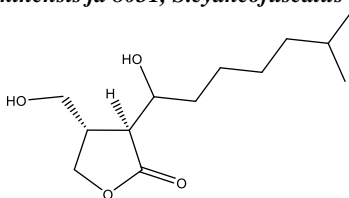


Table S2: Dereplication data of 36 variables of Strain 208 (Antimarin database)

<i>m/z</i>	RT	Molecular formula	Hits (Number of Hits from Antimarin-Antibase)	Activity
227.2	15.5	C ₁₃ H ₁₀ N ₂ O ₂	1-Hydroxy-6-methoxy-phenazine; 6-Methoxy-1-phenazinol Source: <i>Streptomyces thioluteus</i>	
				
		C ₁₀ H ₁₄ N ₂ O ₄	Nikkomycin D Source: <i>Streptomyces tendae</i> Tue 901	Peptidyl nucleoside antibiotic
				
		C ₁₁ H ₁₄ O ₅	Xialenone C Source: <i>Streptomyces</i> sp. GT 061169	
				
		C ₁₃ H ₁₀ N ₂ O ₂	beta-Carboline-3-carboxylic acid methyl ester Source: <i>Streptomyces</i> sp. Ma5373	
				
245.2	35.2		No hits	
245.3	43.7	C ₁₃ H ₂₄ O ₄	4,5-Dihydro-4-hydroxymethyl-3-(1-hydroxy-6-methylheptyl)-2(3H)-furanone;	Antibiotic

ST 43683;2-(6'-Methylheptanol-1'-yl)-3-hydroxymethyl-4-butanolide; Graefe's; Factor I (69.70)

Source: *Streptomyces viridochromogenes*, *S. cyaneofuscatus*, *S. viridochromogenes zimet*, *S. bikiniensis* ja 8031, *S. cyaneofuscatus zimet*

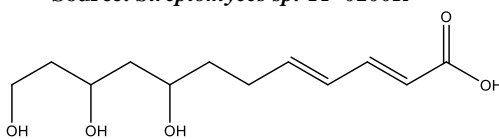


C₁₂H₂₀O₅

YF-0200-R-B

Antibiotic

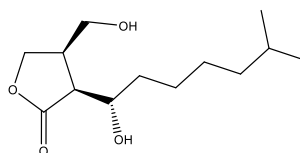
Source: *Streptomyces* sp. YF-0200R



C₁₃H₂₄O₄

Graefe's Factor 2

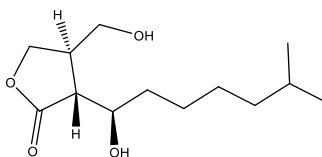
Source: *Streptomyces* sp.



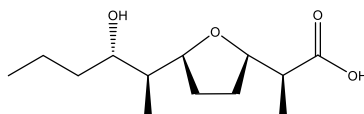
C₁₃H₂₄O₄

SCB-1; (2R,3R,1'R)-2-(1'-Hydroxy-6-methylheptyl)-3-hydroxymethylbutanolid

Source: *Streptomyces coelicolor* A3(2)



C₁₃H₂₄O₄



Antibiotic

(71)

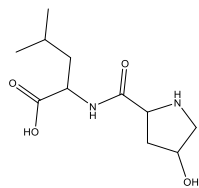
Trihomonoactinic acid

Source: *Streptomyces globisporus*

C₁₁H₂₀N₂O₄

Leucyl-4-hydroxyproline

Source : *Streptomyces acrimycini*



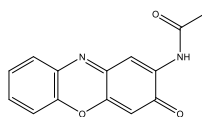
255.2 37.7

No hits

255.3 19.5 C₁₄H₁₀N₂O₃

N-Acetylquestionin A; (73,74)
2-Acetamido(3H)phenoxazin-3-one

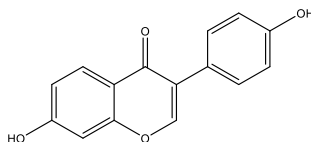
**Source: *Streptomyces thioluteus*,
*Microbispora aerate***



C₁₅H₁₀O₄

**Daidzein; Isoaurostatin; K-251b;
NPI-031E**

Source: GW82/2497

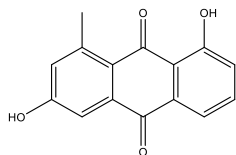


C₁₅H₁₀O₄

Aloesaponarin II

Antibiotic

Source: *Streptomyces sp. GW 24/1694*, L083

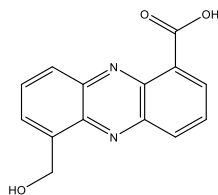


C₁₄H₁₀N₂O₃

1-Hydroxymethyl-6-carboxyphenazine

Antibiotic

**Source: *Streptomyces griseoluteus*; marine
*Vibrio sp. SANK 73794***



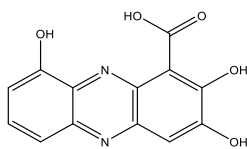
273.3

7.33

C₁₃H₈N₂O₅

2,3,9-Trihydroxyphenazine-1-carboxylic acid

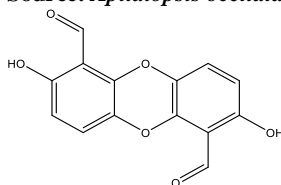
Source: *Pseudomonas fluorescens*



C₁₄H₈O₆

Aplidioxin B

Source: *Aplidiopsis ocellata*



288.3

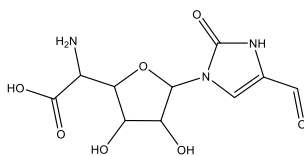
39.2

C₁₀H₁₃N₃O₇

Nikkomycin Cx

Antibiotic

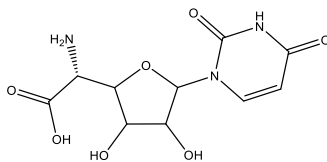
Source: *Streptomyces tendae* Tue 901 (ATCC 31160, Cbs 354.75, FERM-p 3136)



C₁₀H₁₃N₃O₇

Nikkomycin C; Nikkomycin Cz

Source: *Streptomyces tendae* Tue 901 (ATCC 31160, Cbs 354.75, FERM-p 3136)



300.1

37.5

No hits

337.2

6.4

No hits

337.4

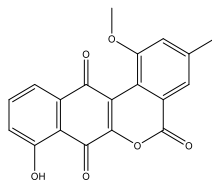
42.2

C₁₉H₁₂O₆

WS 5995-A

Antibiotic

Source: *Streptomyces auranticolor* 5995 (FERM-p 5365)



C₁₉H₁₂O₆

Tetracenomycin D1; 9-Decarboxy-tetracenomycin-F1

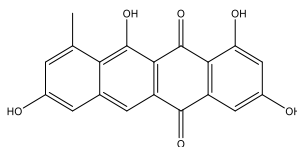
Cytotoxic

Source: *Streptomyces glaucescens* Tue 49 (eth 22794); marine *Streptomyces* B-8005

Anticancer

Antibiotic

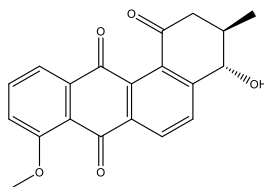
Antibacterial



C₂₀H₁₆O₅ **Fujianmycin B; Rubiginone A2; SNA-8073-A**

Antibiotic and antibacterial compound

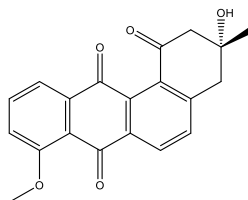
Source: *Streptomyces* sp.



C₂₀H₁₆O₅ **6-Deoxy-8-O-methylrubelomycin; MM 47755; 8-O-Methyltetrangomycin**

Antibiotic agent. Shows antibacterial and antifungal effects

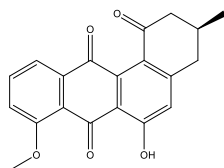
Source: *Streptomyces* sp. GW11/3289



C₂₀H₁₆O₅ **Hatomarubigin-A; CE-33-A**

Antibiotic

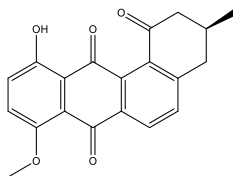
Source: *Streptomyces* sp. 2238-svt4 (FERM bp-3326)



C₂₀H₁₆O₅ **Hatomarubigin-B; CE-33-B**

Antibiotic

Source: *Streptomyces* sp. 2238-svt4

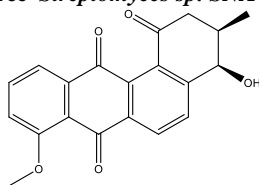


C₂₀H₁₆O₅

SNA-8073-B

Antibiotic

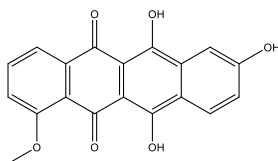
Source *Streptomyces* sp. *SNA-8073*



C₁₉H₁₂O₆

6,9,11-Trihydroxy-4-methoxy-5,12-naphthacendione

Source: *Streptomyces* sp. *GW37/3236*



339.3

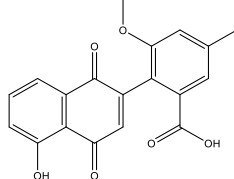
15.7

C₁₉H₁₄O₆

WS 5995B

Antibiotic

Source: *Streptomyces auranticolor* 5995 (*FERM-p* 5365), *Streptomyces* sp. *AcH*



Inhibits colonisation by the root and butt rot fungus *Heterobasidium annosum* 005

Inhibits Norway spruce root infection

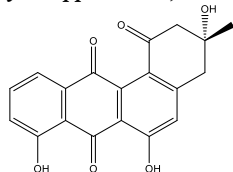
C₁₉H₁₄O₆

Rabelomycin; Fridamycin C

Antibiotic

Source: *S. tsusimaensis*, *S. olivaceus*, marine

Streptomyces spp. *B* 6921, *B*6935, *B*6728

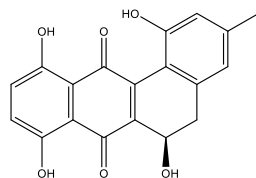


C₁₉H₁₄O₆

Landomycinone A

Antibiotic

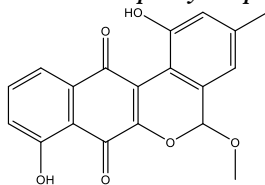
Source: *Streptomyces* sp



C₁₉H₁₄O₆

Lagumycin A

Source: marine *Streptomyces* sp. B 8245



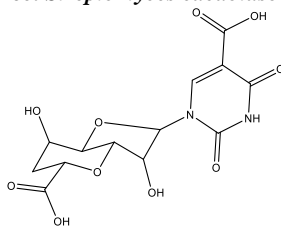
359.3

32.2

C₁₃H₁₄N₂O₁₀

Octosyl acid-A

Source: *Streptomyces cacaoiasoensis*

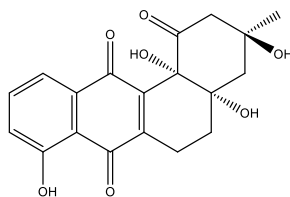


C₁₉H₁₈O₇

2-Deoxy-5,6-dihydro-PD-116198

Source : *Streptomyces phaeochromogenes*
WP 3688

Antibiotic

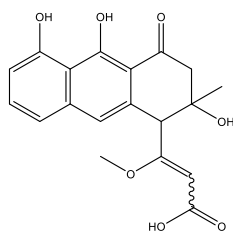


C₁₉H₁₈O₇

Spectomycin-A2

Antibiotic

Source: *Streptomyces spectabilis*

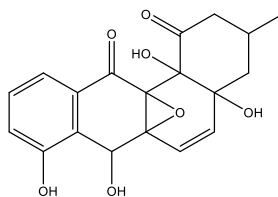


C₁₉H₁₈O₇

Elmycin-C

Antibiotic

Source: *Streptomyces* sp.

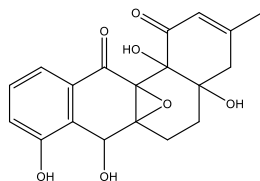


C₁₉H₁₈O₇

Simocyclinon A1

Antibacterial
and antitumor
properties

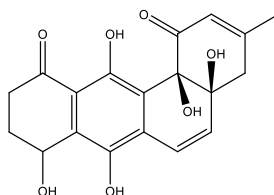
Source: *Streptomyces sp. Tue 6040*



C₁₉H₁₈O₇

**4,4a,8,9,10,12b-Hexahydro-4a,7,8,12,113a,-
pentahydroxy--3-methylbenz[a]anthracene-
1,11-dione**

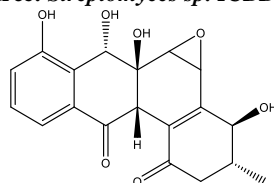
Source: *Streptomyces sp. 1B1*



C₁₉H₁₈O₇

Panglimycin D

Source: *Streptomyces sp. ICBB8230*



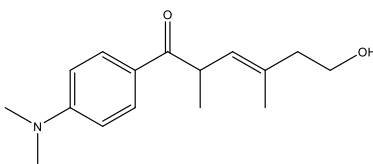
381.1	36.4	No hits
383.0	37.4	No hits
392.1	37.0	No hits
395.2	37.2	No hits
423.2	35.3	No hits
425.1	40.5	No hits
453.0	15.7	No hits
455.1	31.2	No hits
457.2	9.3	No hits
464.0	37.2	No hits
475.0	11.9	No hits

482.3	5.6	No hits
484.0	37.5	No hits
494.1	31.7	No hits
495.1	37.0	No hits
500.1	36.8	No hits
505.0	35.0	No hits
516.2	39.5	No hits
526.1	36.5	No hits
563.3	8.4	No hits
639.1	40.5	No hits
684.7	43.4	No hits
714.3	40.0	No hits
775.3	44.4	No hits

262.4 30.7 C₁₆H₂₃NO₂

Name: Trichostatinol

Source: *Streptomyces* sp. GW37/655



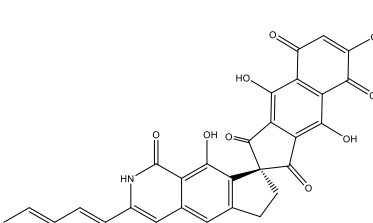
540.5 9.2 C₃₀H₂₁NO₉

**Name: Fredericamycin-A; FCRC-A-48;
FCRC-A-48-A; NSC-305263**

Antibiotic

(72)

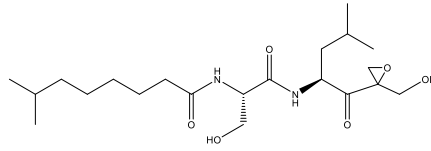
Source: *Streptomyces griseus* (ferc-48)



415.5 37.1 C₂₁H₃₈N₂O₆

Name: NK-04000Q; Epopromycin B

Source: *Streptomyces* sp. NK04000



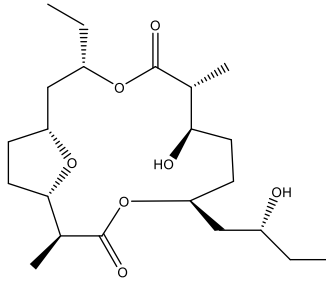
$C_{22}H_{38}O_7$

Name: Feigrisolide D

Macrolide

Source: *Streptomyces griseus*

(75)



446.6

40.9

$C_{26}H_{39}NO_5$

Name: Piericidin-C2; Piericidin-F

Anthelmintic activity

Source: *Streptomyces piericidicus*, *S. pactum*

(67,68)

