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Supplementary materials

A review on different approaches to isolate antibiotic compounds from fungi

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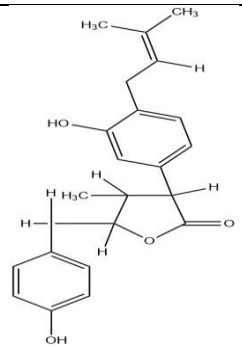
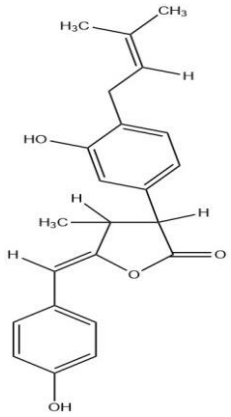
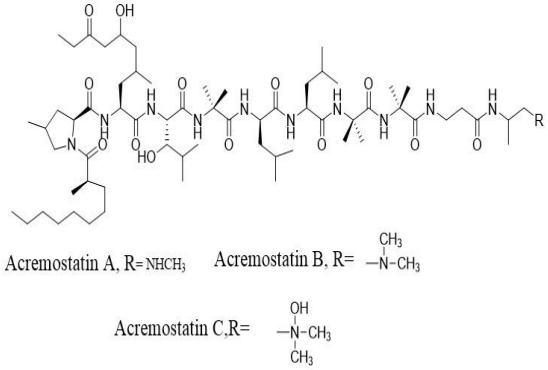
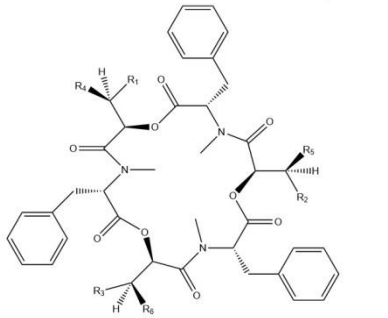
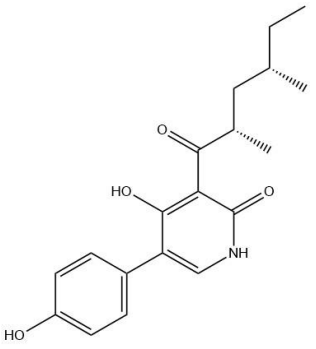
Supp. Table 1 - List of novel antibiotic compounds discovered (from 2000 onwards) from fungi

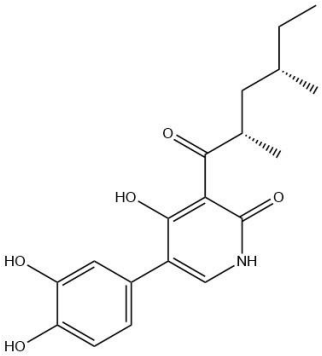
Compound name	Structure	Reference
5-(4-Hydroxy-benzyl)-3-[3-hydroxy-4-(3-methyl-but-2-enyl)-phenyl]-4-methyl-dihydro-furan-2-one		Awaad et al. 2012
5-(4-Hydroxy-benzylidene)-3-[3-hydroxy-4-(3-methyl-but-2-enyl)-phenyl]-4-methyl-dihydro-furan-2-one		
Acremostatin A,B,C		Degenkolb et al. 2002
Allobeauvericin A,B,C		Nilanonta et al. 2002

Aspyridone A and B

Bergmann et al. 2007



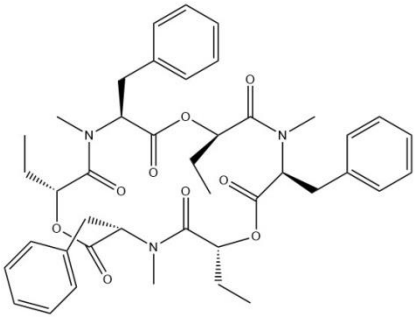
Aspyridone A



Aspyridone B

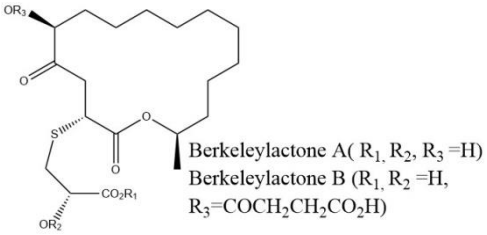
Beauvericin G_3

Xu et al. 2009



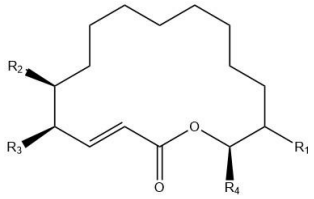
Berkeleylactones

Stierle et al. 2017



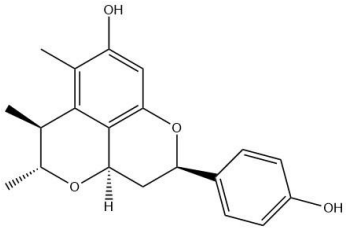
Berkeleylactone A(R_1, R_2, R_3 =H)
Berkeleylactone B (R_1, R_2 =H, R_3=$COCH_2CH_2CO_2H$)

Berkeleylactone C(R_1= OH, R_2 =H)
Berkeleylactone D (R_1, =H, R_2=OH)

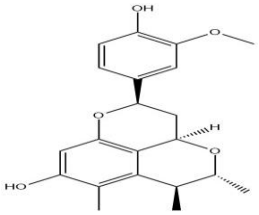


Berkeleylactone E(R_1=H, R_2=$OCOCH_2CH_2CO_2H$,R_3=OH, R_4=CH_3)
Berkeleylactone F(R_1= R_2=R_3=OH, R_4=CH_3)
Berkeleylactone G(R_1=OH, R_2=$OCOCH_2CH_2CO_2H$,R_3=OH, R_4=CH_3)
Berkeleylactone H(R_1=H, R_2=$OCOCH_2CH_2CO_2H$,R_3=OH, R_4=CH_2OH)

Citrifelin A & B



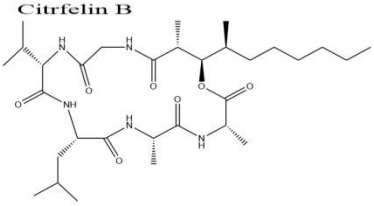
Citrifelin A



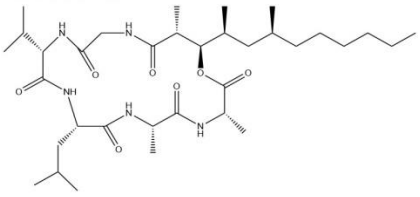
Citrfelin B

Meng et al. 2015

Emericellamide A & B



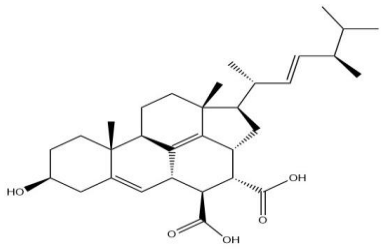
Emericellamide A



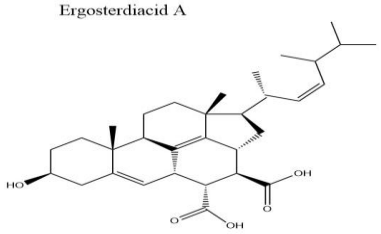
Emericellamide B

Oh et al. 2007

Ergosterdiacid A & B



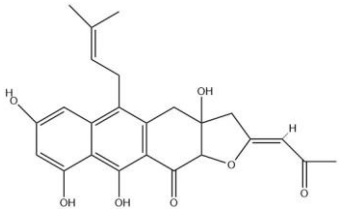
Ergosterdiacid A



Ergosterdiacid B

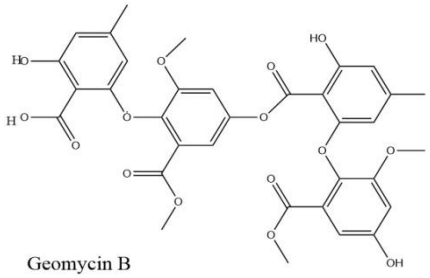
Liu et al. 2018

Fumicycline A

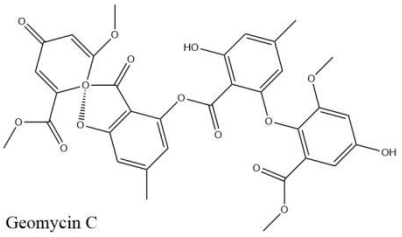


Konig et al. 2013

Geomycin B & C



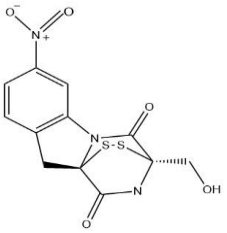
Geomycin B



Geomycin C

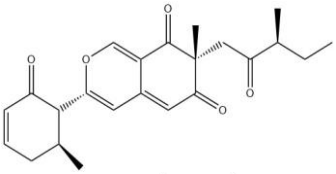
Li et al. 2008

Glionitrin A



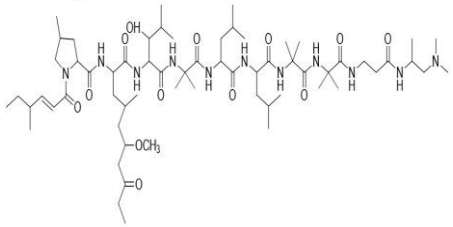
Park et al. 2009

Lijiquinone



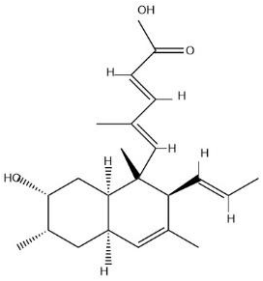
Cain et al. 2020

Lipopeptaibol



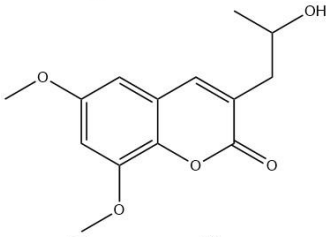
Liu et al. 2020

Pannomycin



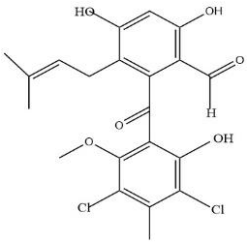
Parish et al. 2009

Pestalasin A



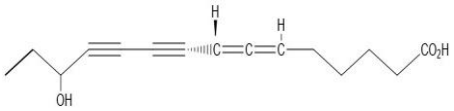
Nonaka et al. 2011

Pestalone

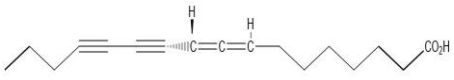


Cueto et al. 2001

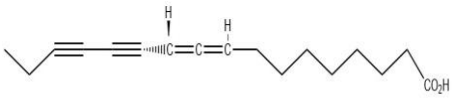
Phomallenic acid A-C



Phomallenic acid A



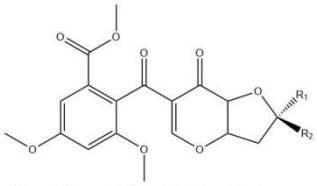
Phomallenic acid B



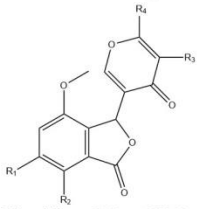
Phomallenic acid C

Ondeyka et al. 2006

Pinophilone A-E



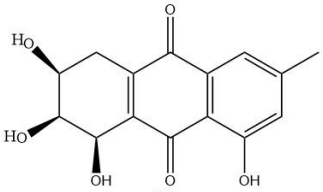
Pinophilone A (R_1 =H , R_2= Me)
Pinophilone B (R_1 =Me , R_2= H)



Pinophilone C (R_1= OH, R_2= R_3=H, R_4= nPr)
Pinophilone D (R_1= OH, R_2=H, R_3= OMe, R_4= nPr)
Pinophilone E (R_1= OH, R_2=OMe, R_3=H, R_4= Propenyl)

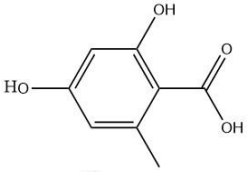
He et al. 2019

Pleosporone



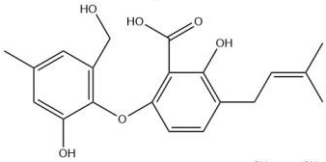
Zhang et al. 2009

Orsellinic acid



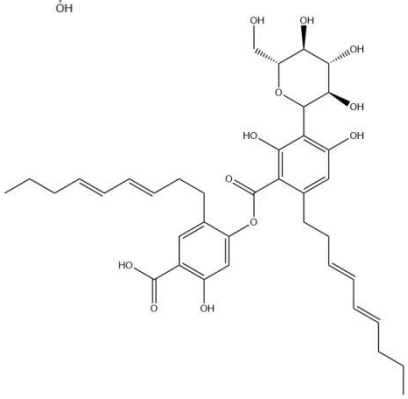
Schroeckh et al. 2009

Secopenicillide C



Nonaka et al. 2011

Stromemycin



Nonaka et al. 2011