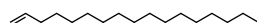


# Type I PKS

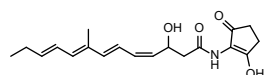
## Class: Modular *cis*-AT

### Subclass: Olefin synthase



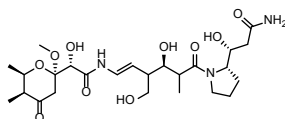
1-heptadecene  
*Moorea producens*  
PubMed ID: 24475038

### Subclass: Loading module



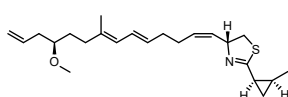
4-Z-annimycin  
*Streptomyces calvus*  
PubMed ID: 24120331

### Subclass: Hybrid KS



nosperin  
*Nostoc sp.*  
PubMed ID: 23898213

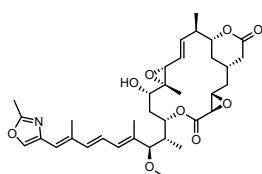
### Subclass: Tandem ECH



curacin A  
*Lyngbya majuscula*  
PubMed ID: 15332855

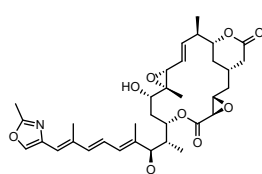
## Class: *trans*-AT

### Subclass: B domain



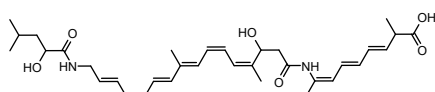
rhizoxin  
*Burkholderia rhizoxina*  
PubMed ID: 17154220

### Subclass: Hybrid non-elongating KS



rhizoxin  
*Burkholderia rhizoxina*  
PubMed ID: 17154220

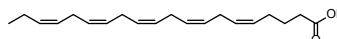
### Subclass: Hybrid KS



bacillaene  
*Bacillus velezensis*  
PubMed ID: 17886826

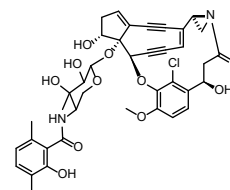
## Class: Iterative *cis*-AT

### Subclass: Polyunsaturated fatty acid



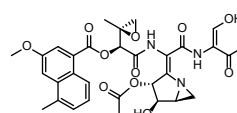
eicosapentaenoic acid  
*Schizochytrium*  
PubMed ID: 11452122

### Subclass: Enediynes



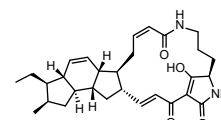
maduropeptin  
*Actinomadura madurae*  
PubMed ID: 17918933

### Subclass: Aromatic



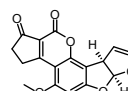
azinomycin B  
*Streptomyces sahachiroi*  
PubMed ID: 18635006

### Subclass: Polycyclic tetramate macrolactam-like



ikarugamycin  
*Streptomyces sp.*  
PubMed ID: 24706593

### Subclass: Non-reducing



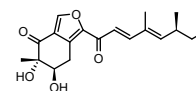
aflatoxin B1  
*Aspergillus oryzae*  
PubMed ID: 28484029

### Subclass: Partially reducing



6-methylsalicylic acid  
*Glarea lozoyensis*  
PubMed ID: 15800788

### Subclass: Highly reducing

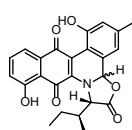


asperfuranone  
*Aspergillus nidulans*  
PubMed ID: 19199437

# Type II PKS

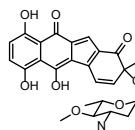
## Class: Aromatic

### Subclass: angucycline-derived I



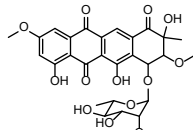
jadomycin A  
*Streptomyces venezuelae*  
PubMed ID: 15776503

### Subclass: angucycline-derived II



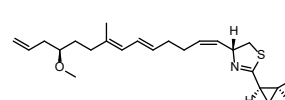
nenestatin A  
*Micromonospora echinospora*  
doi: 10.1016/j.tet.2017.03.054

### Subclass: anthracycline-derived I



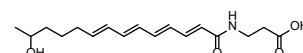
steffimycin  
*Streptomyces steffisburgensis*  
PubMed ID: 16751529

## Class: Beta-branching cassettes



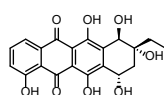
curacin A  
*Lyngbya majuscula*  
PubMed ID: 15332855

## Class: Polyenes



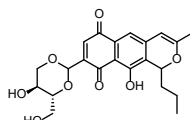
ishigamide  
*Streptomyces sp.*  
PubMed ID: 27311327

### Subclass: anthracycline-derived II



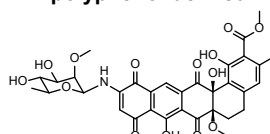
cosmomycin D (aglycone)  
*Streptomyces olindensis*  
PubMed ID: 16810496

### Subclass: isochromanequinone-derived



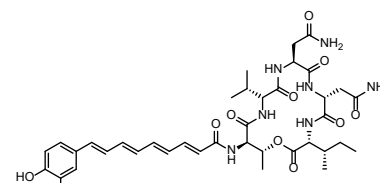
alnumycin  
*Streptomyces sp.*  
PubMed ID: 18940666

### Subclass: Pentangular polyphenol-derived



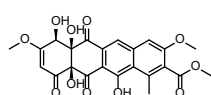
arenimycin A  
*Salinispora arenicola*  
PubMed ID: 24191063

## Class: Aryl polyenes



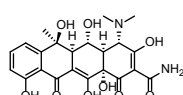
bromoalterochromide A  
*Pseudoalteromonas piscicida*  
PubMed ID: 25140825

## Class: Tetracenomycin-derived



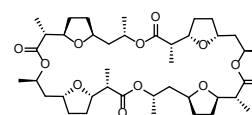
tetracenomycin C  
*Streptomyces glaucescens*  
PubMed ID: 1548230

## Class: Tetracycline-derived



oxytetracycline  
*Streptomyces rimosus*  
PubMed ID: 16597959

## Class: Non-iterative



nonactin  
*Streptomyces griseus* subsp. *griseus*  
PubMed ID: 10650222