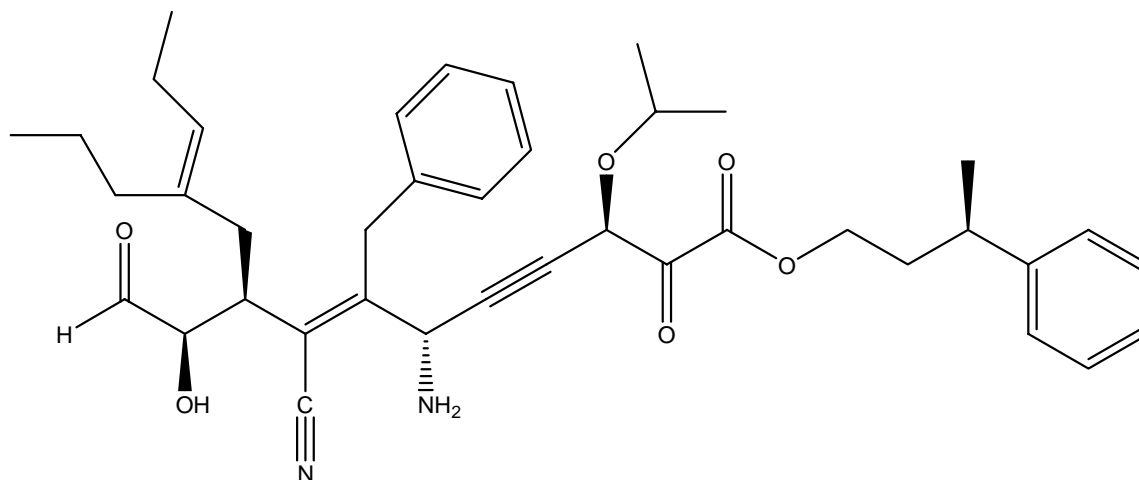


Name _____

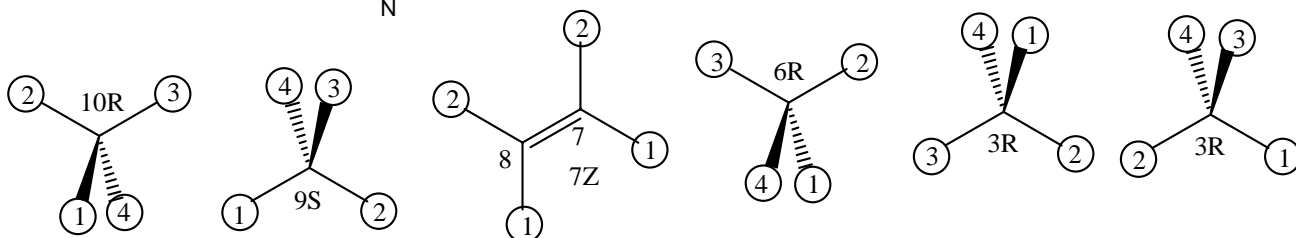
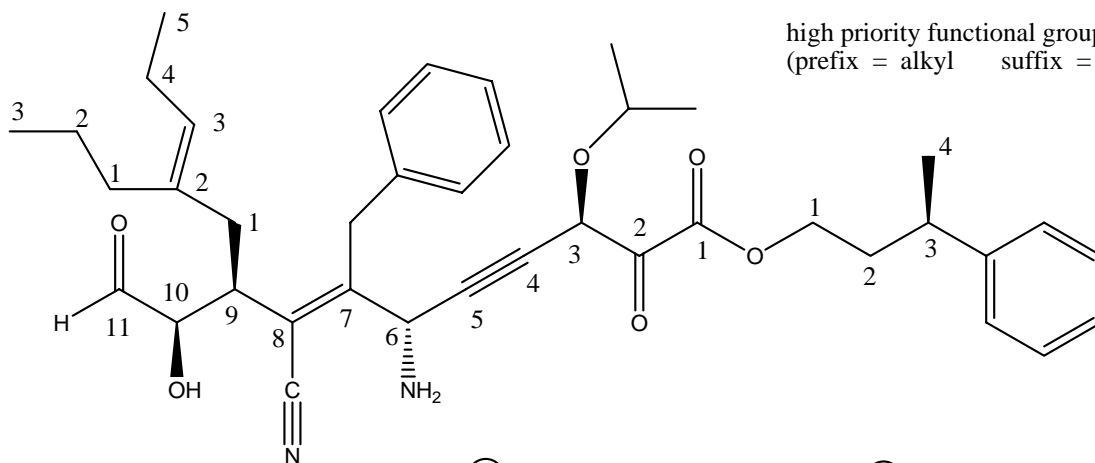
1. Provide an acceptable name for the following structure.



1. Provide an acceptable name for the following structure.

KEY

high priority functional group = ester
(prefix = alkyl suffix = -oate)

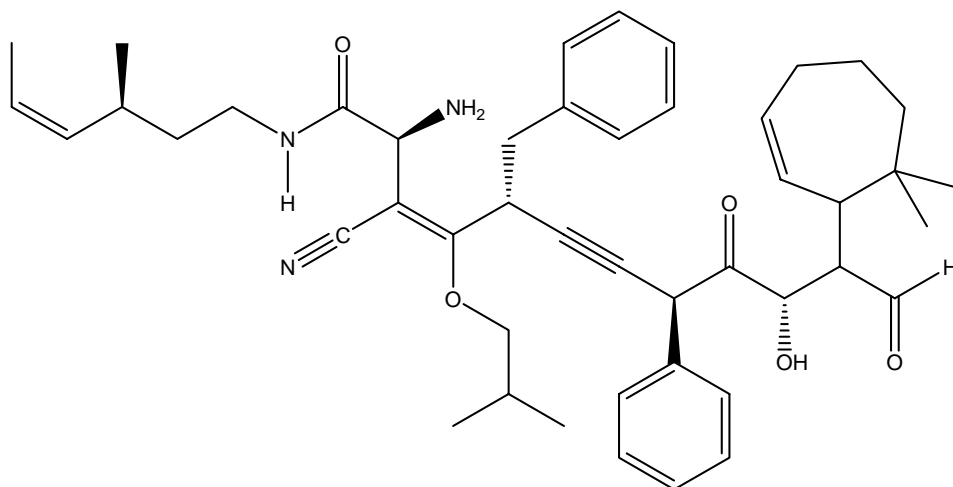


also possible: -3-isopropoxy-

(3R)-3-phenylbutyl (3R,6R,7Z,9S,10R)-2,11-dioxo-3-(1-methylethoxy)-6-amino-7-benzyl-8-cyano-9-(2-propyl-2E-pentenyl)-10-hydroxyundec-7-en-4-ynoate

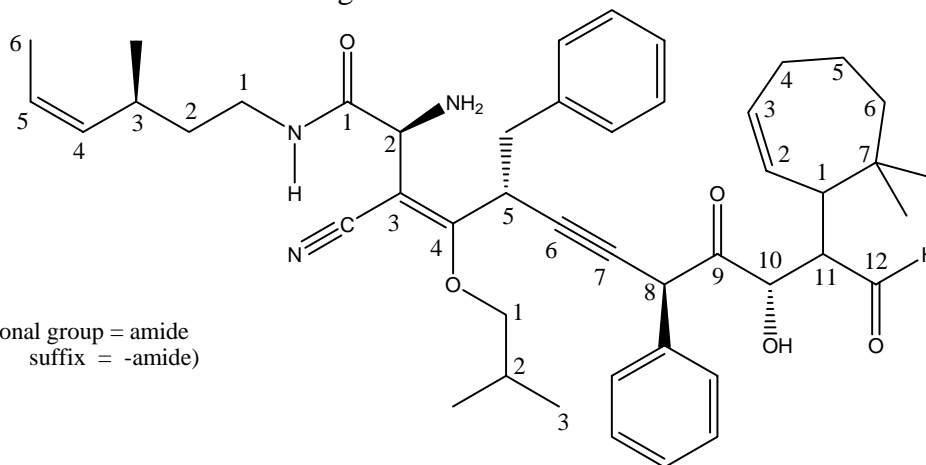
Name _____

2. Provide an acceptable name for the following structure.

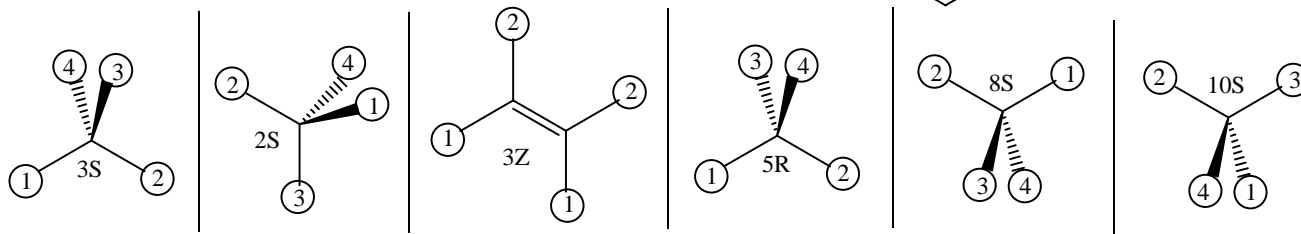


2. Provide an acceptable name for the following structure.

KEY



high priority functional group = amide
(prefix = N-alkyl suffix = -amide)

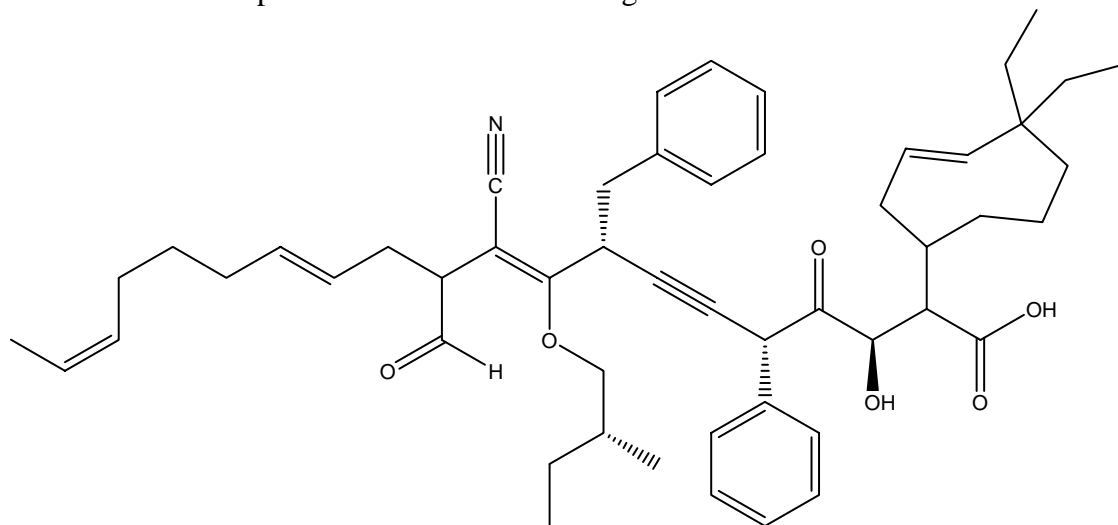


also possible: -4-isobutoxy-

(2S,3Z,5R,8S,10S)-N-(3-methylhex-4Z-enyl)-2-amino-3-cyano-4-(2-methylpropoxy)-5-benzyl-8-phenyl-9,12-dioxo-10-hydroxy-11-(7,7-dimethylcyclohept-2-enyl)dodec-3-en-6-ynamide

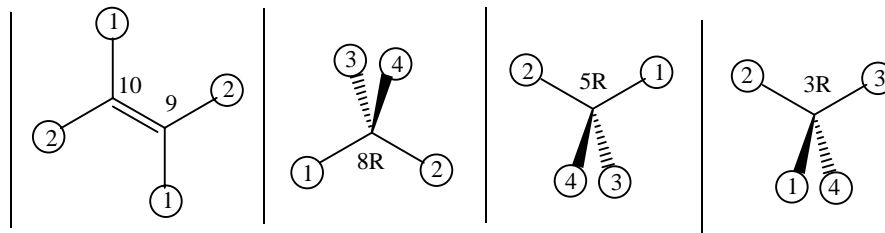
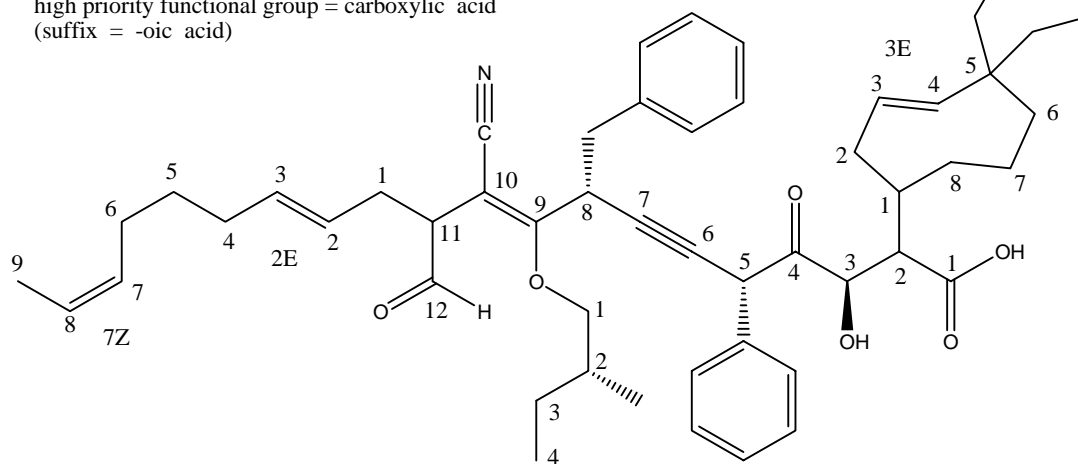
Name _____

3. Provide an acceptable name for the following structure.



3. Provide an acceptable name for the following structure.

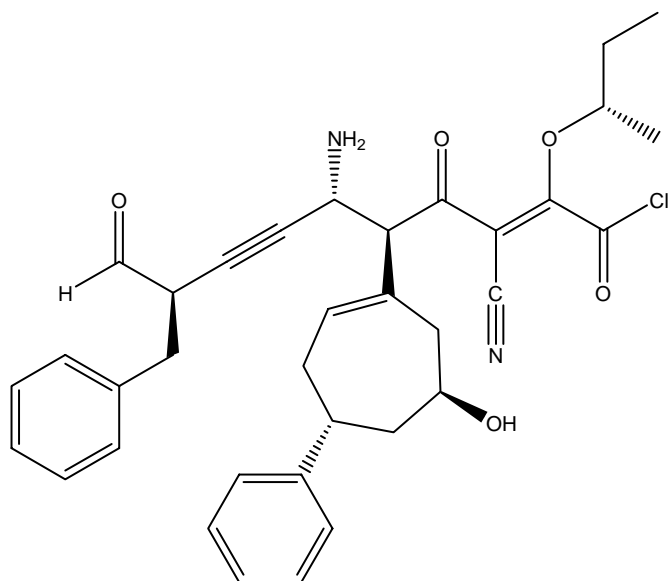
high priority functional group = carboxylic acid
(suffix = -oic acid)



(3R,5R,8R,9E)-2-(5,5-diethylcyclooct-3E-enyl)-3-hydroxy-4,12-dioxo-5-phenyl-8-benzyl-9-(2R-methylbutoxy)-10-cyano-11-(nona-2E,7Z-dienyl)dodec-9-en-6-ynoic acid

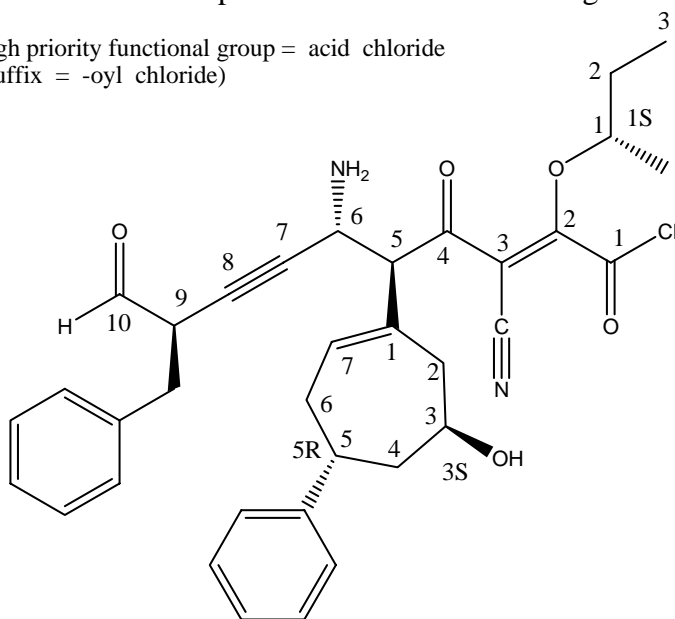
Name _____

4. Provide an acceptable name for the following structure.

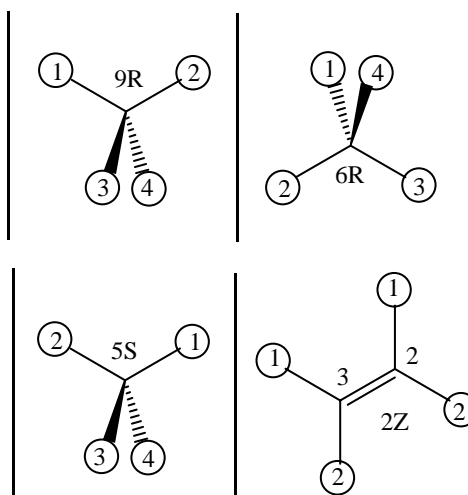


4. Provide an acceptable name for the following structure.

high priority functional group = acid chloride
(suffix = -oyl chloride)



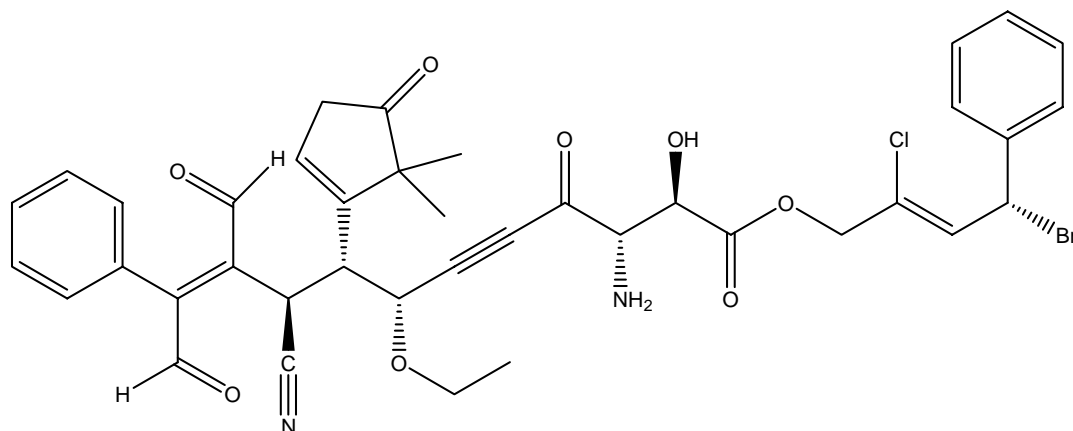
KEY



(2Z,5S,6R,9R)-2-(1S-methylpropoxy)-3-cyano-4,10-dioxo-5-(3S-hydroxy-5R-phenylcyclohept-7-enyl)-6-amino-9-benzyldec-2-en-7-ynoyl chloride

Name _____

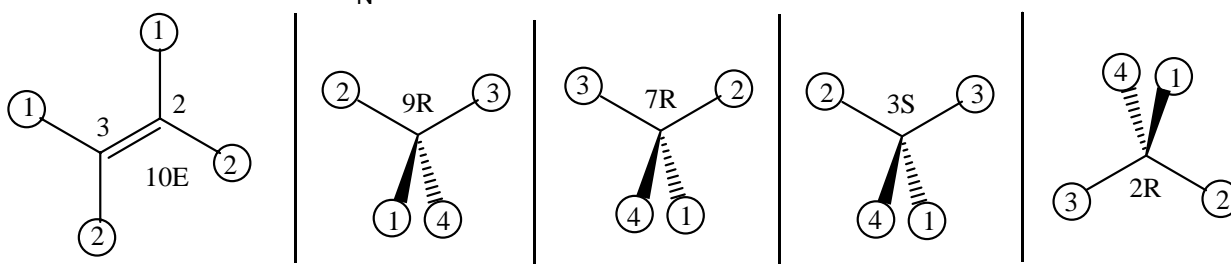
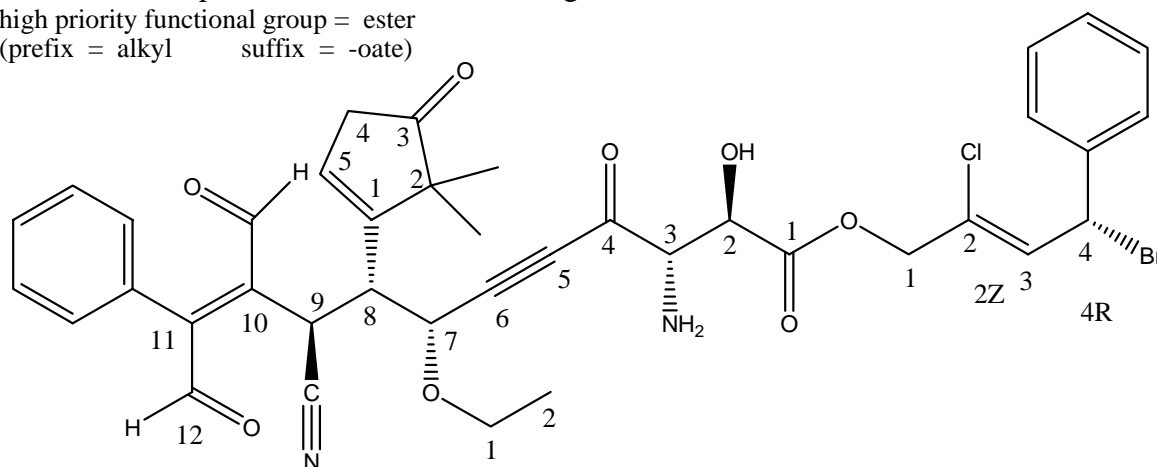
5. Provide an acceptable name for the following structure.



5. Provide an acceptable name for the following structure.

high priority functional group = ester
 (prefix = alkyl suffix = -oate)

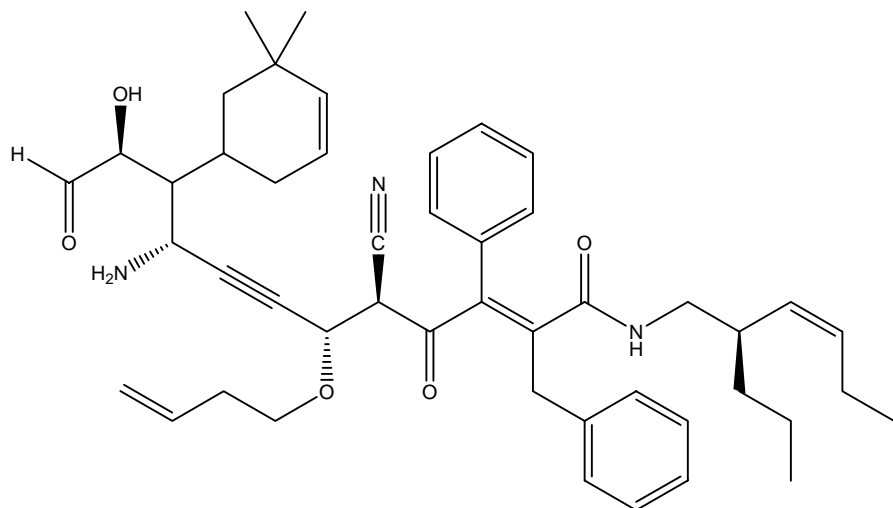
KEY



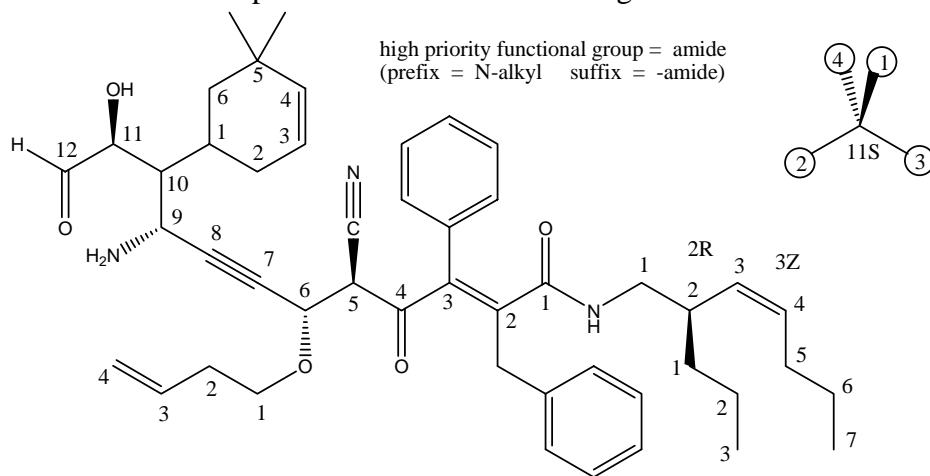
2-chloro-4R-bromo-4-phenylbut-2Z-enyl (2R,3S,7R,9R,10E)-2-hydroxy-3-amino-4,12-dioxo-7-ethoxy-
 8-(2,2-dimethyl-3-oxocyclopent-5-enyl)-9-cyano-10-formyl-11-phenyldodec-10-en-5-ynoate

Name _____

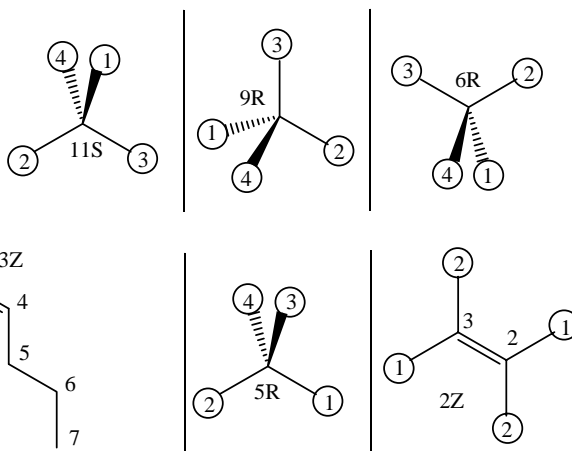
6. Provide an acceptable name for the following structure.



6. Provide an acceptable name for the following structure.



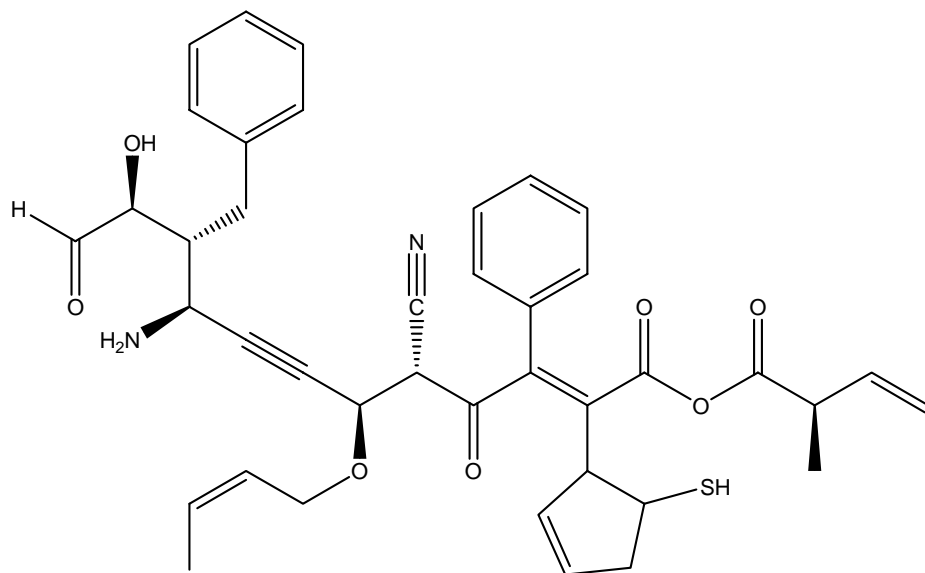
KEY



(2Z,5R,6R,9R,11S)-N-(2-propylhept-3Z-enyl)-2-benzyl-3-phenyl-4,12-dioxo-5-cyano-6-(but-3-enoxy)-9-amino-10-(5,5-dimethylcyclohex-3-enyl)-11-hydroxydodec-2-en-7-ynamide

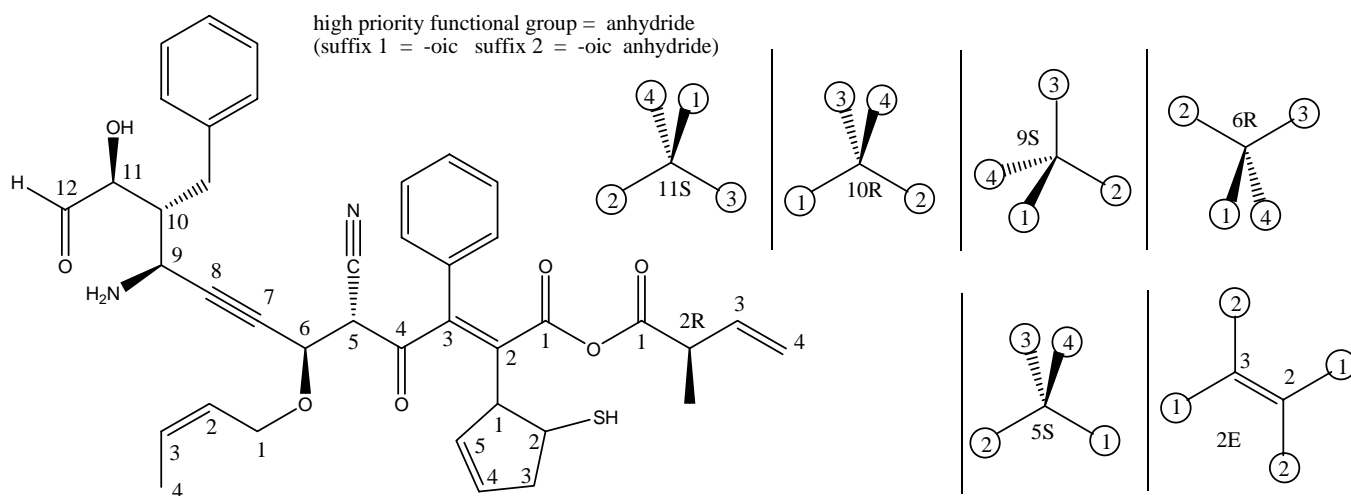
Name _____

7. Provide an acceptable name for the following structure.



7. Provide an acceptable name for the following structure.

KEY



2R-methylbut-3-enoic (2E,5S,6R,9S,10R,11S) (2-mercaptocyclopent-4-enyl)-3-phenyl-4,12-dioxo-5-cyano-6-(but-2Z-enoxy)-9-amino-10-benzyl-11-hydroxydodec-2-en-7-ynoic anhydride