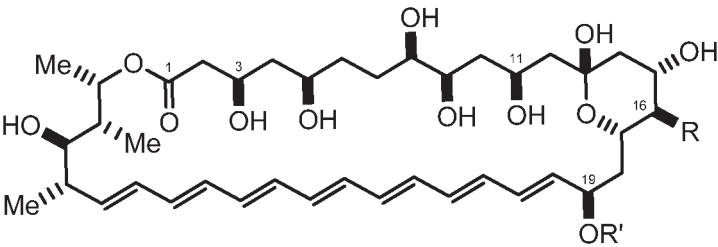


Figure 1



Compound	R	R'
amphotericin B (AmB)	COOH	
amphotericin B methyl ester (AmBME)	COOMe	
amphoternolide (AmdeB)	COOH	H
C2'deoxy amphotericin B (C2'deOAmB)	COOH	

Figure 2

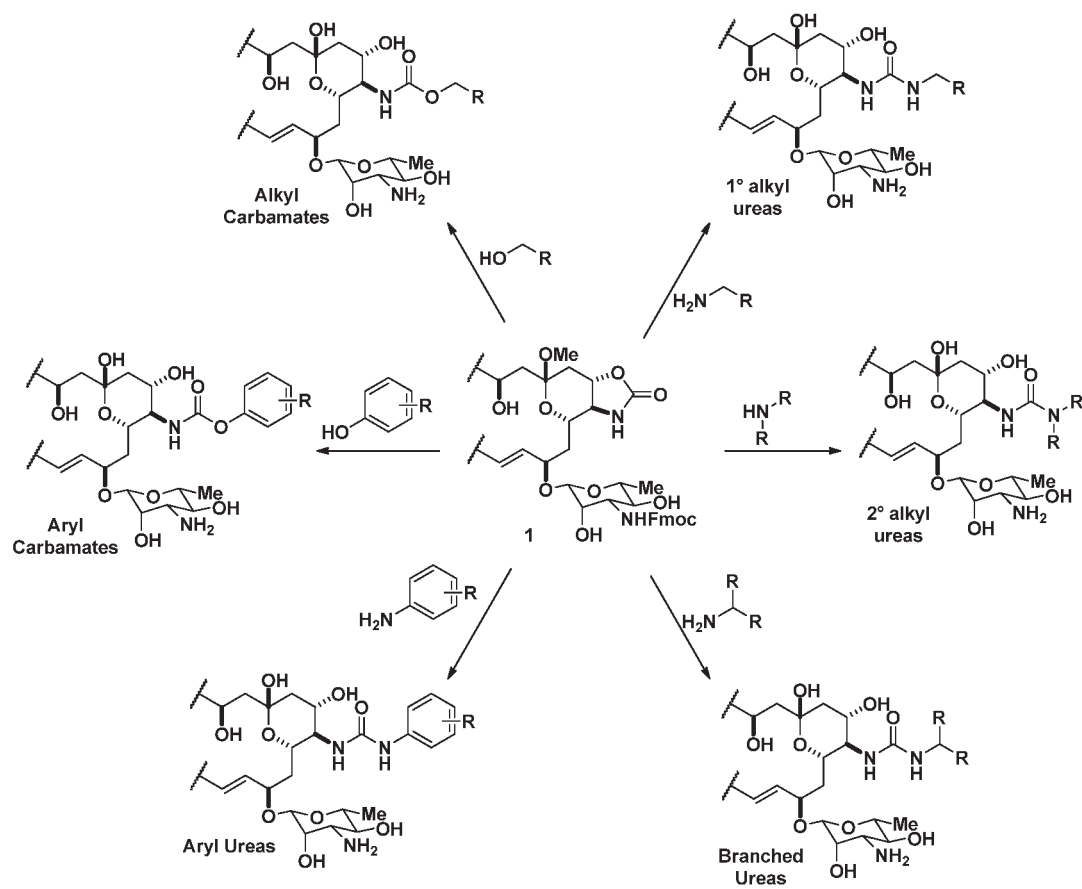


Figure 3

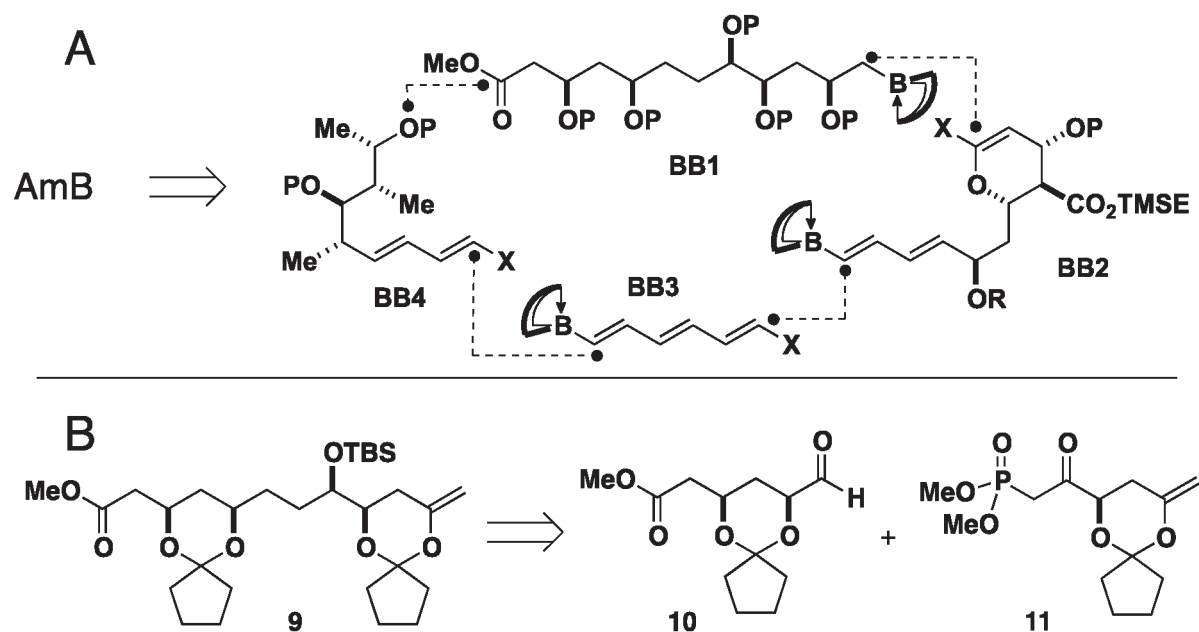


Figure 4

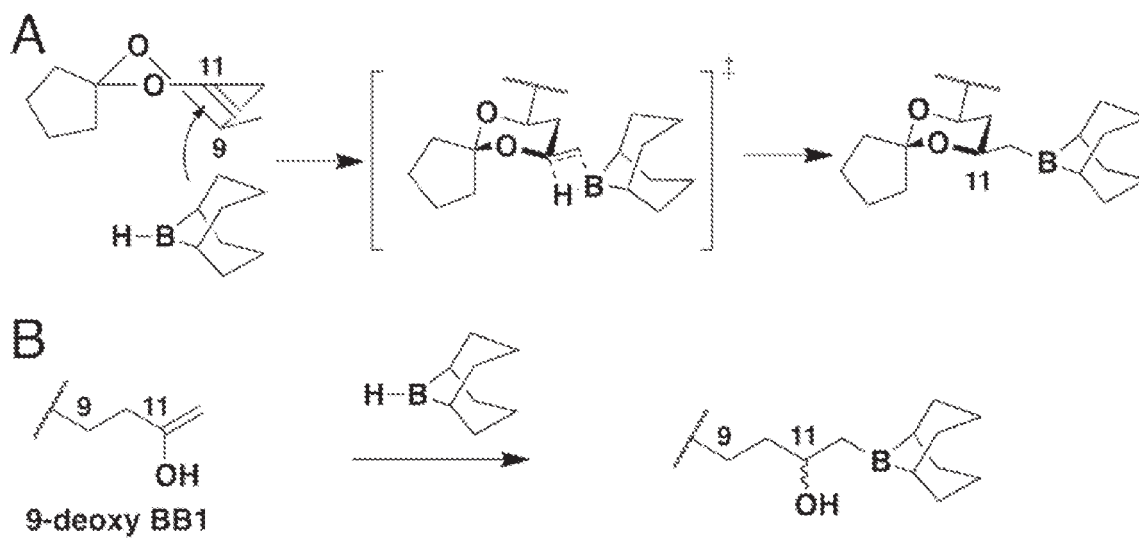


Figure 5

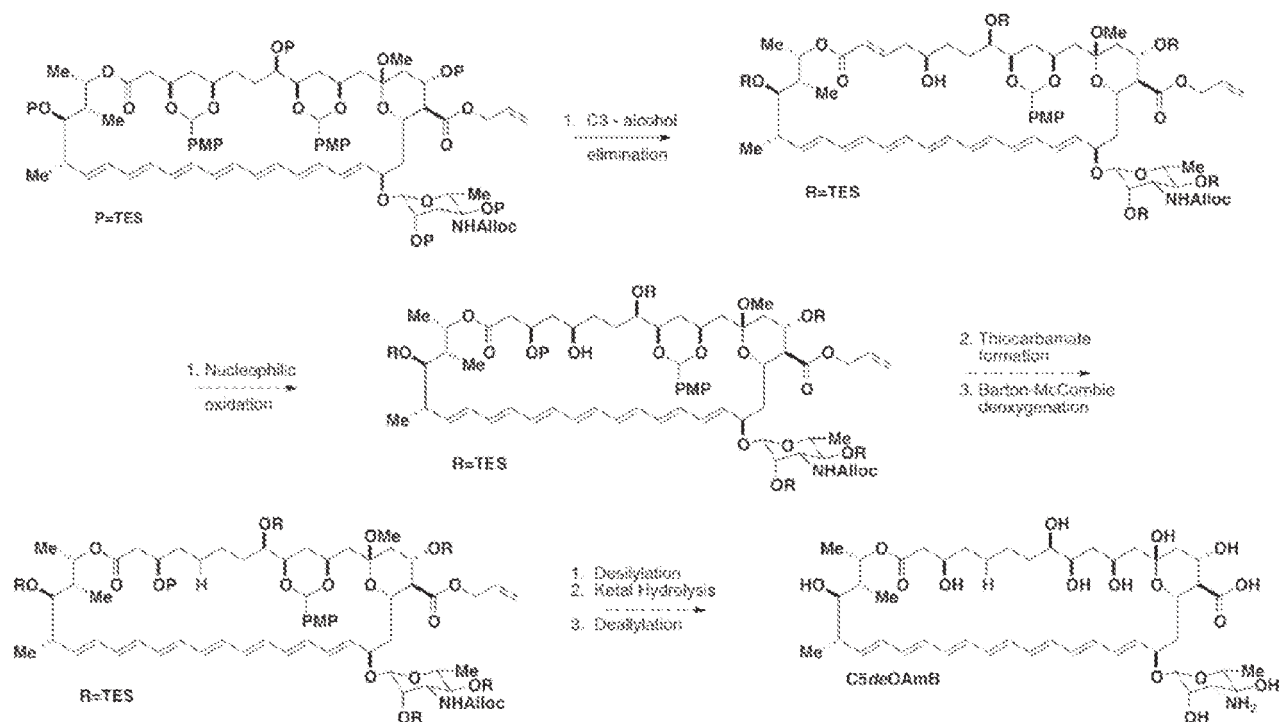


Figure 6

total synthesis via iterative cross-coupling

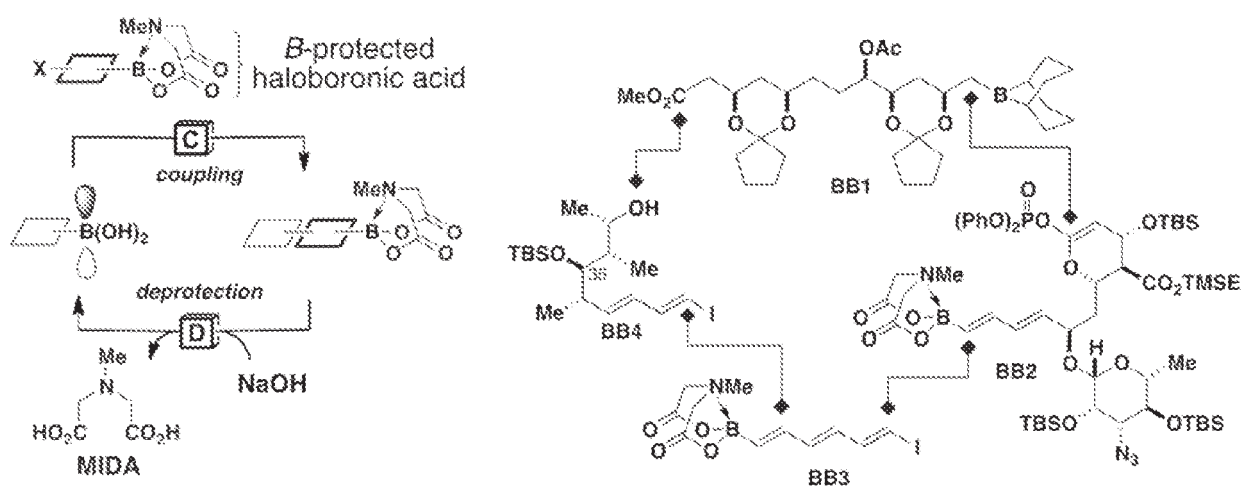


Figure 7

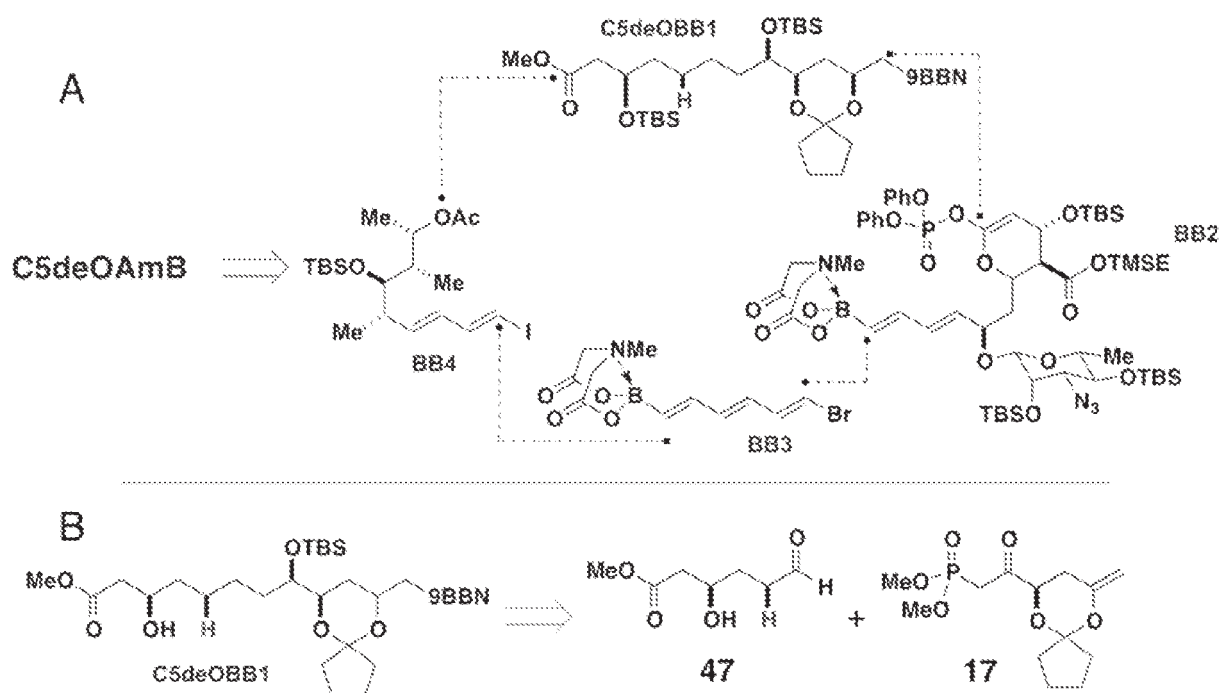


Figure 8

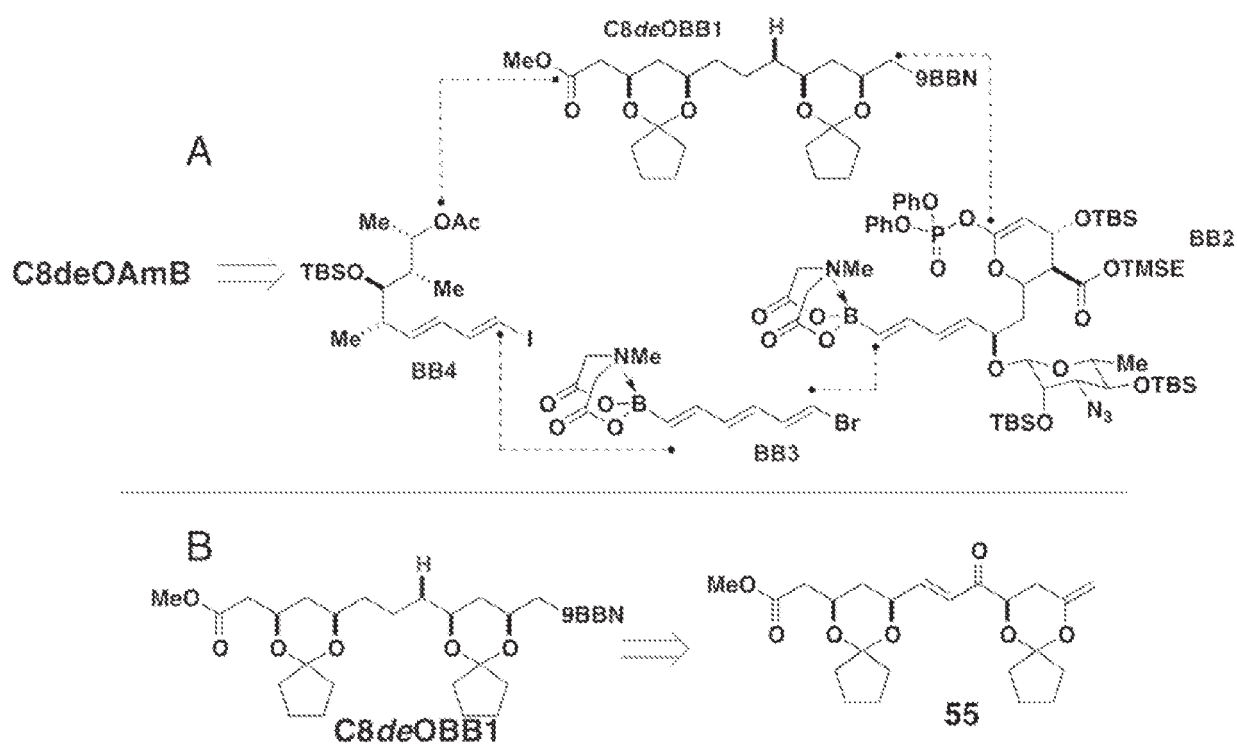


Figure 9

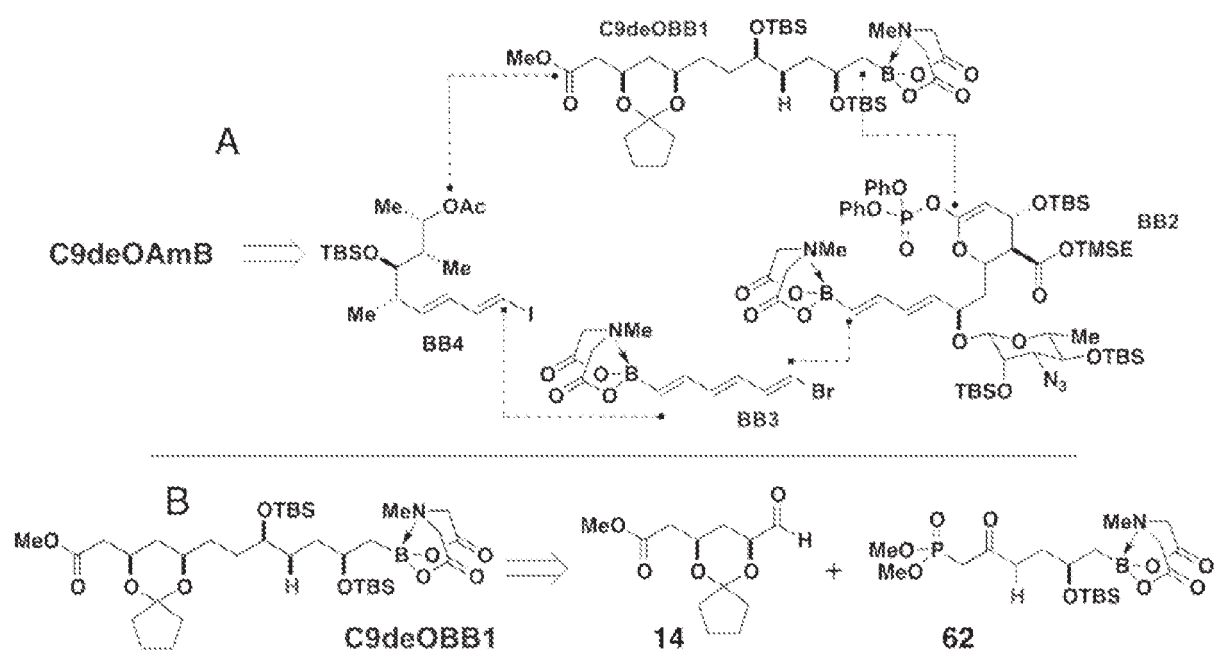


Figure 10

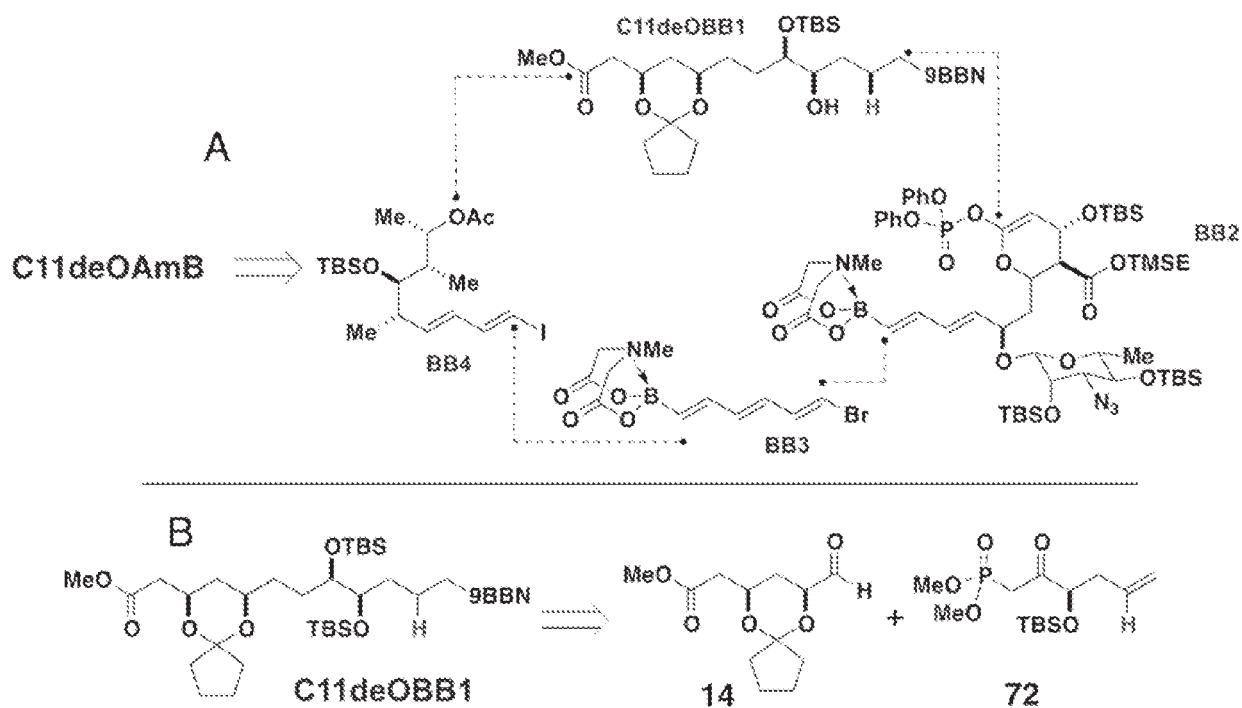


Figure 11

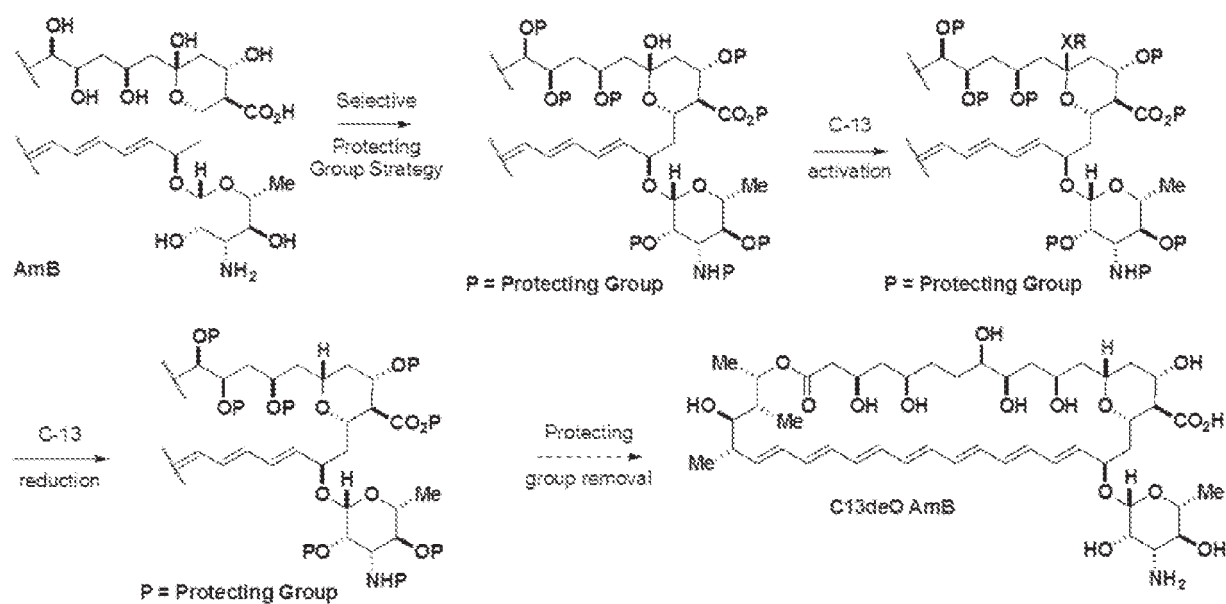


Figure 12

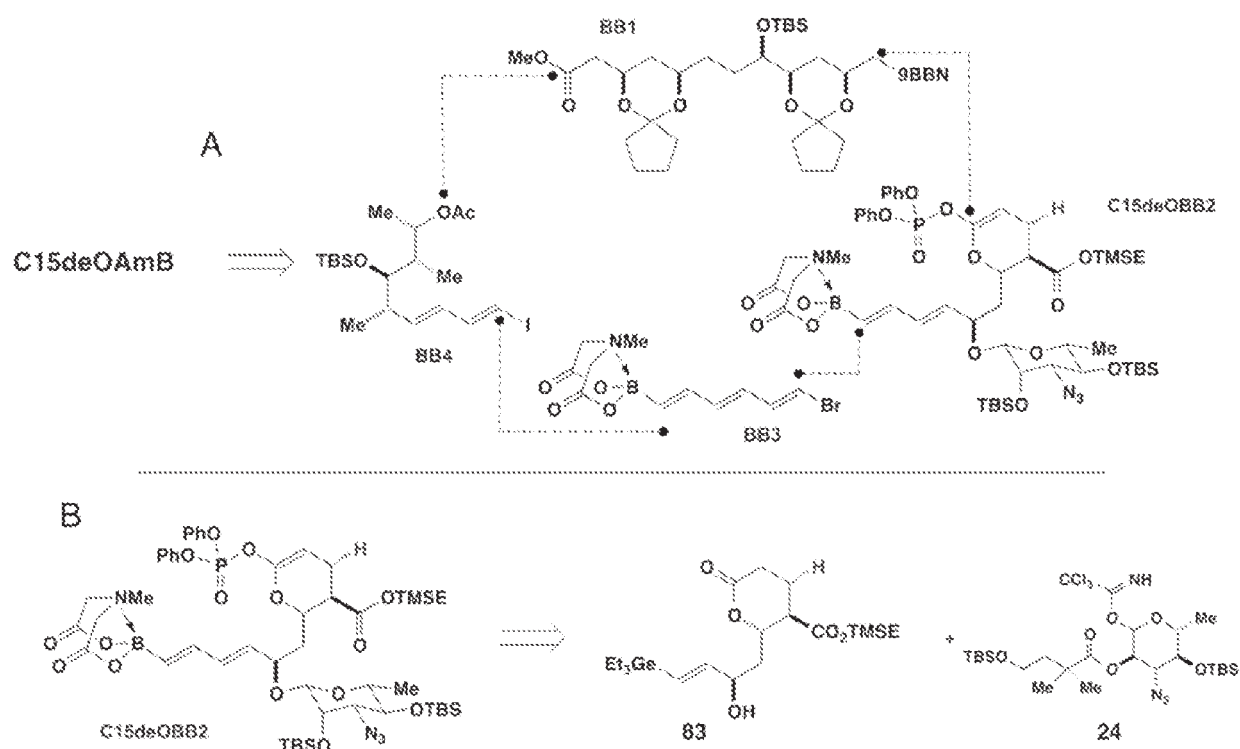


Figure 13

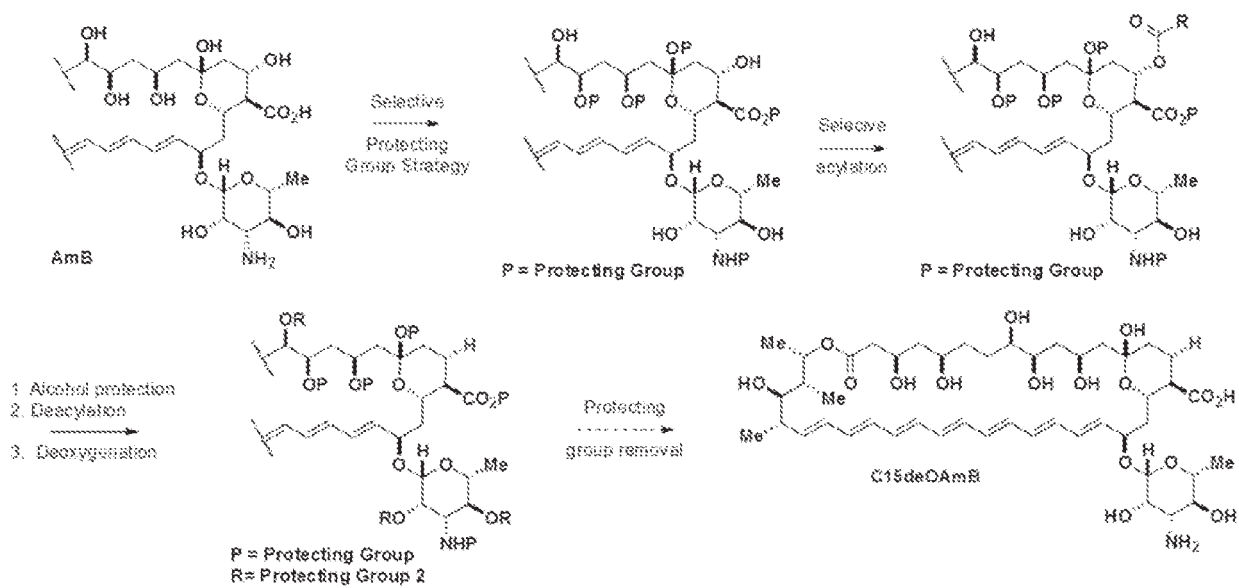


Figure 14

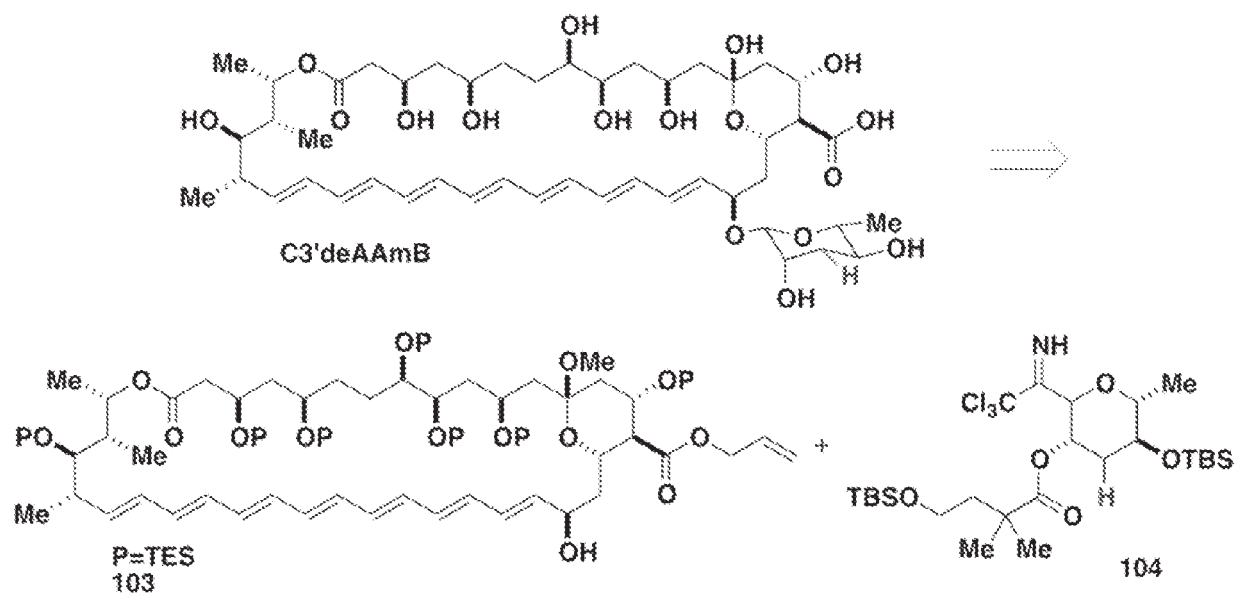


Figure 15

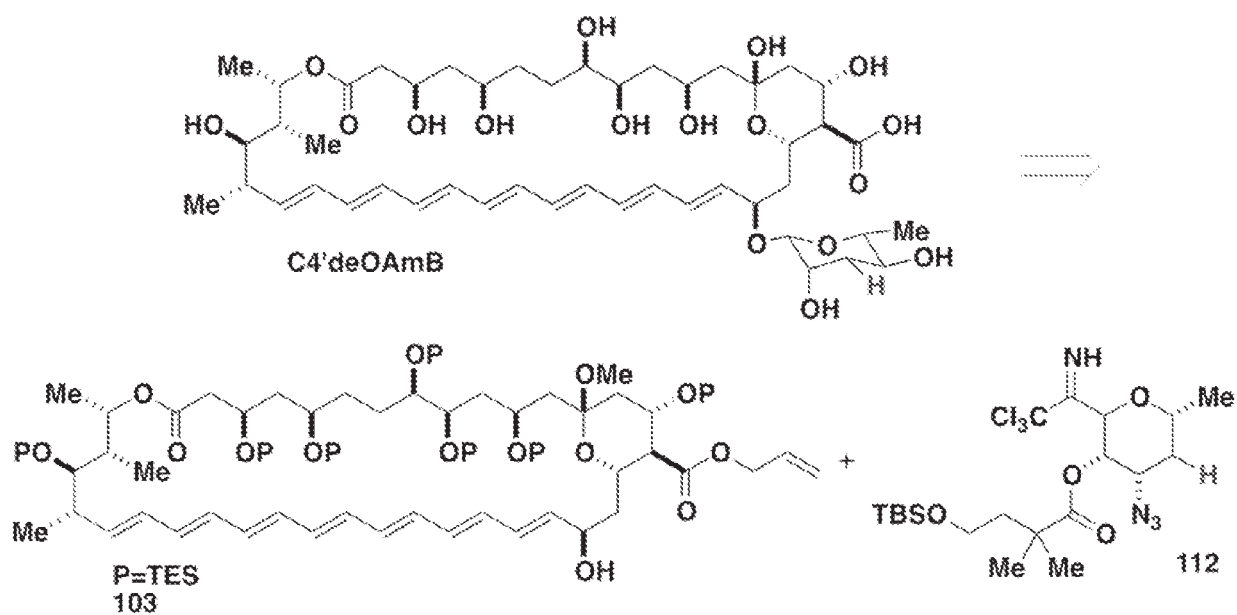
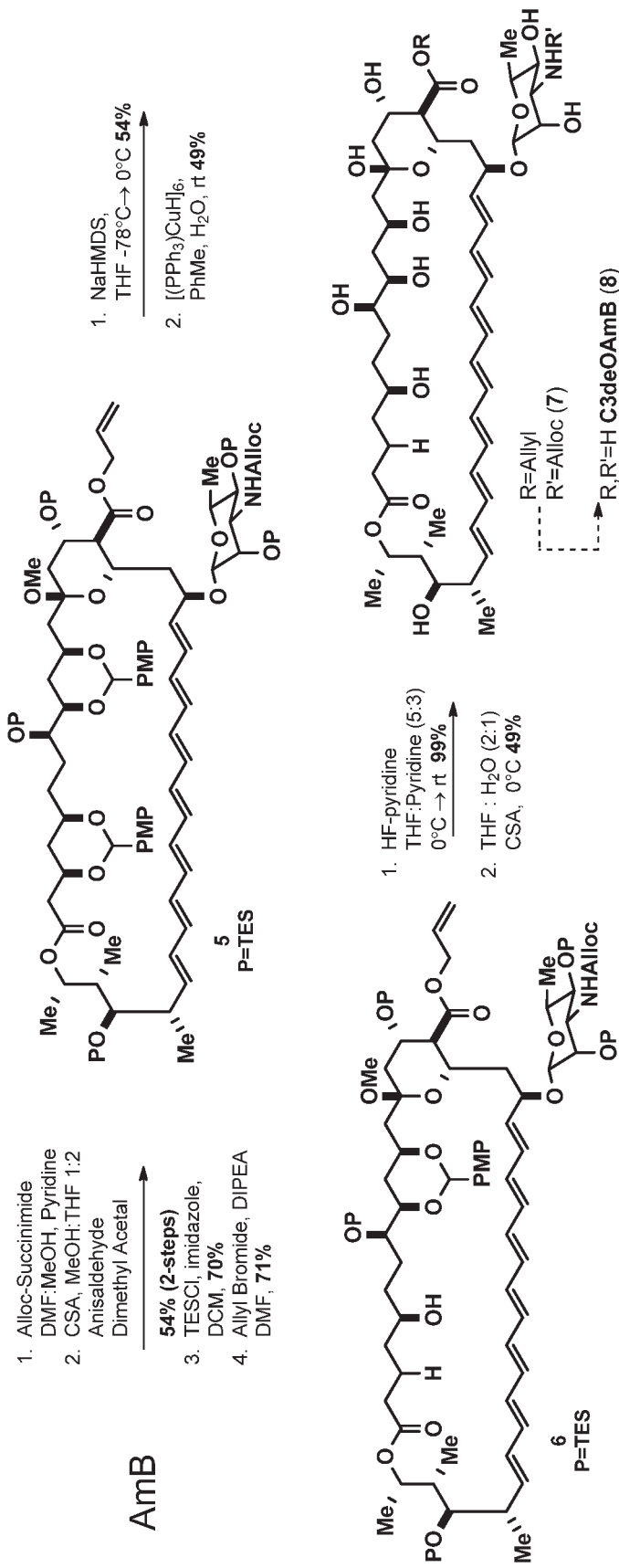
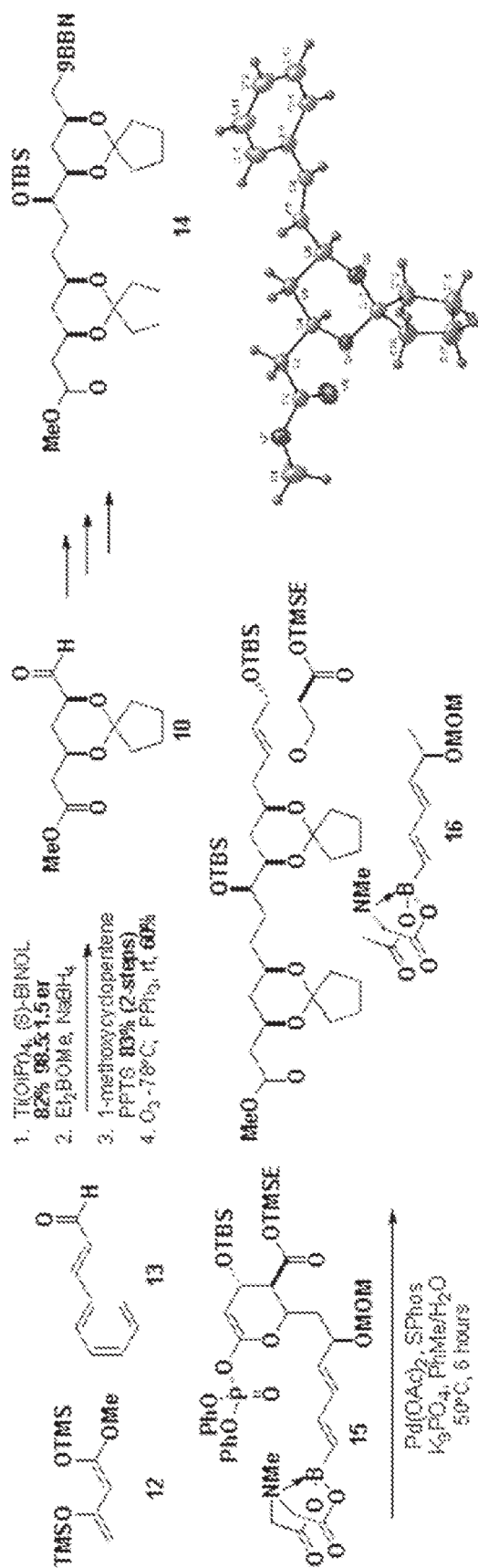


Figure 16



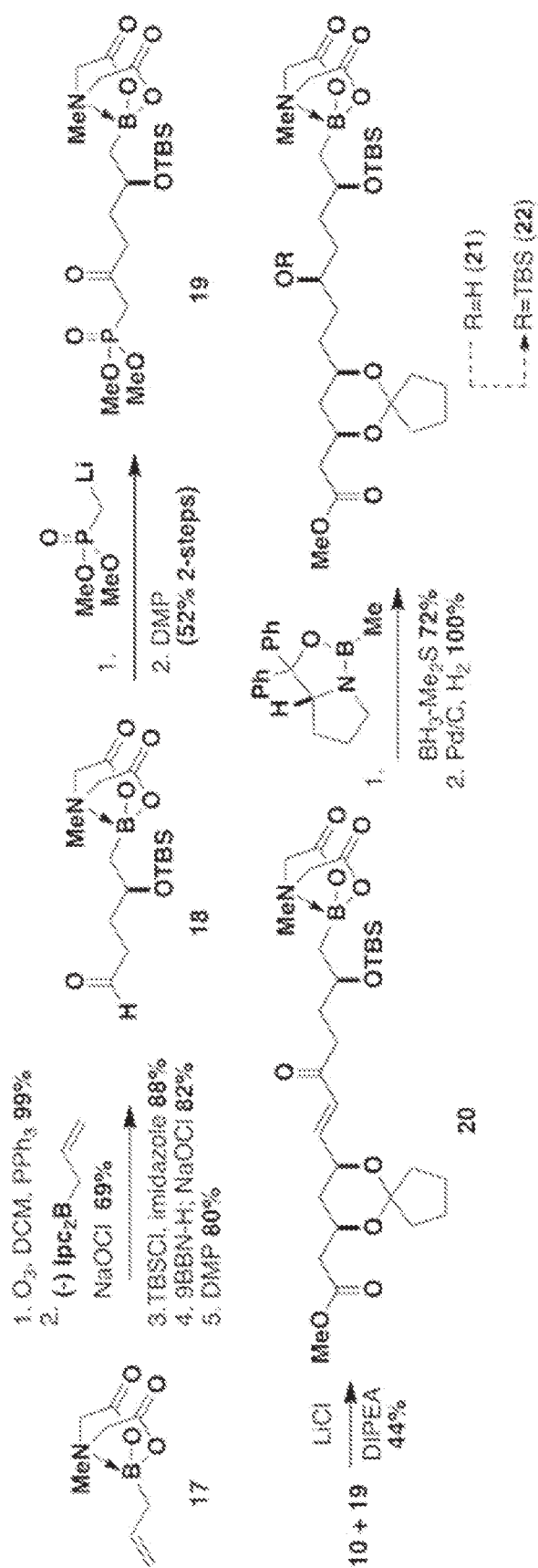
Scheme 3

Figure 17



Scheme 4

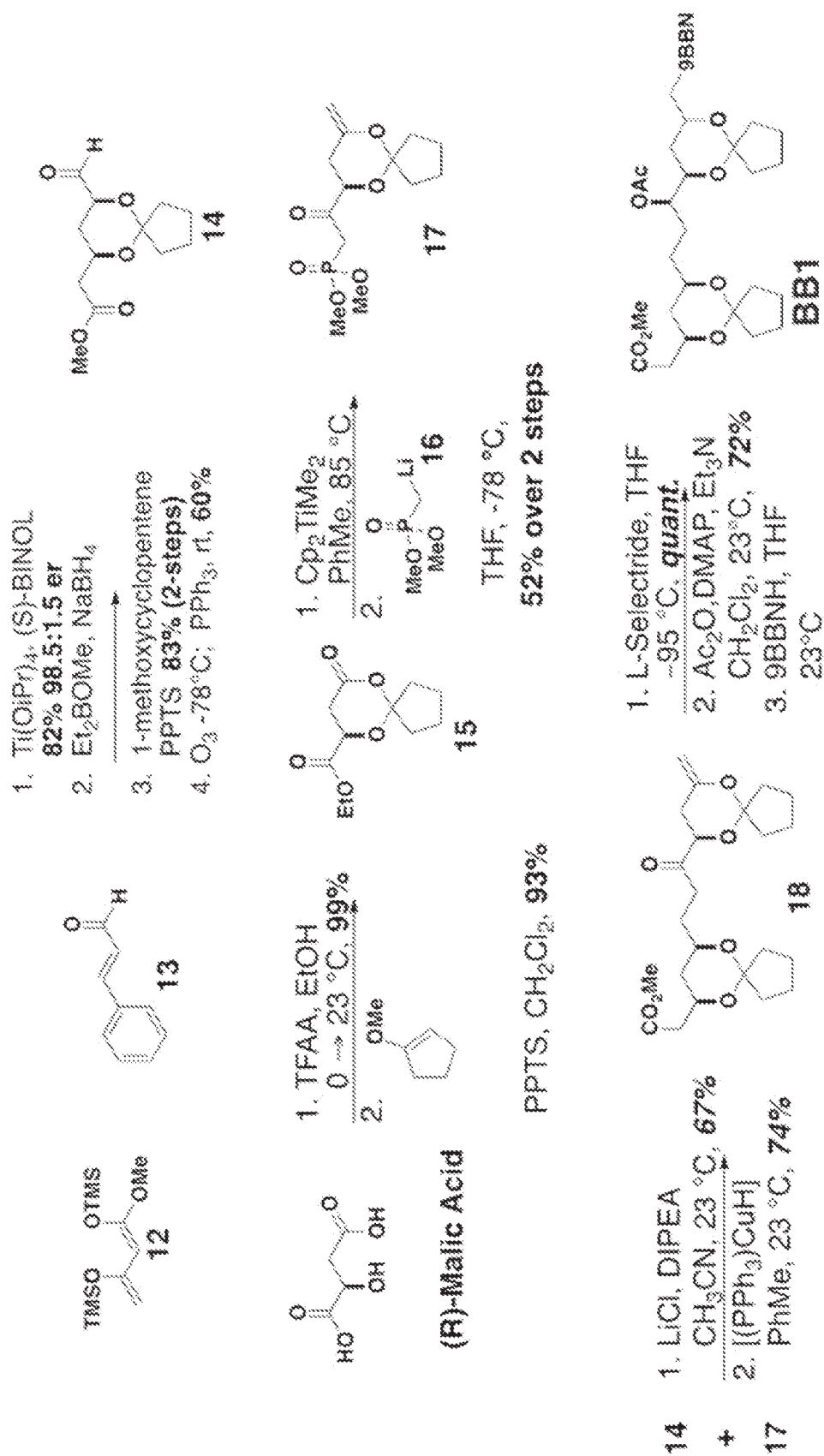
Figure 18



Scheme 5

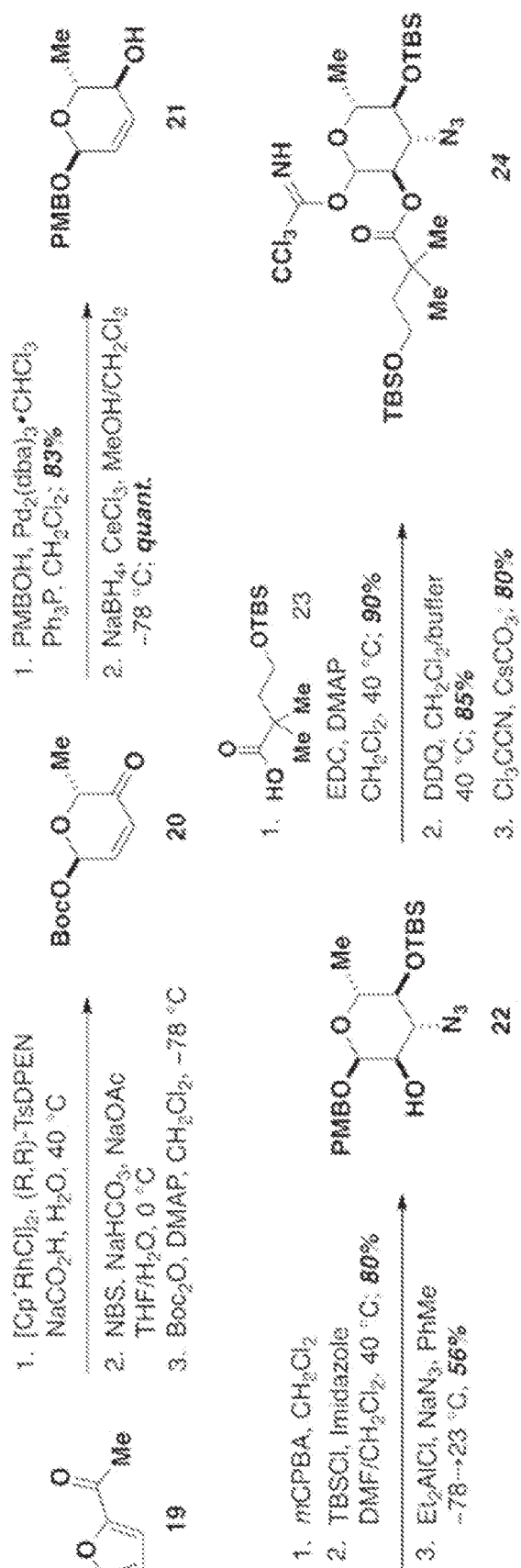


Figure 20



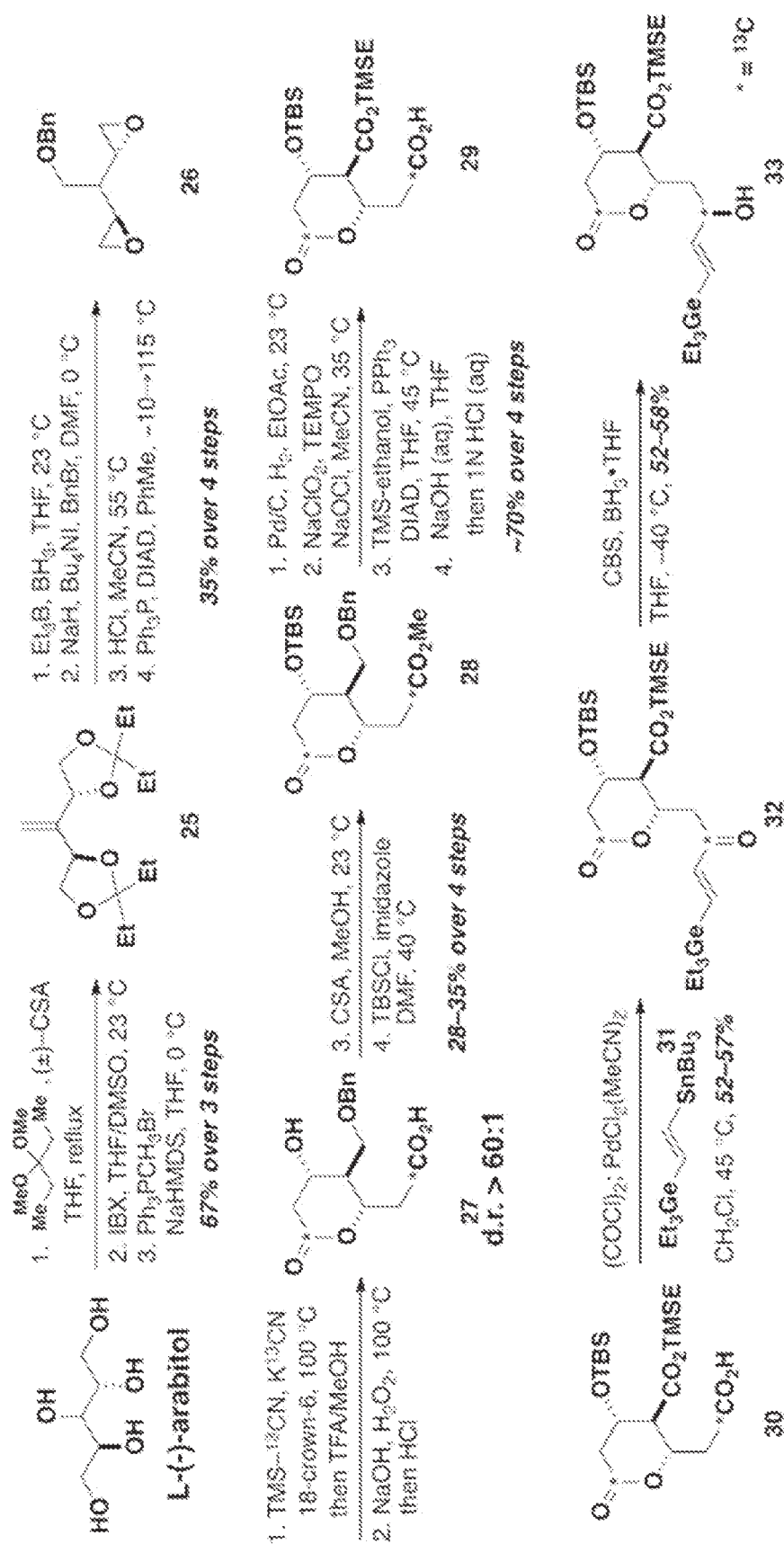
Scheme 7

Figure 21



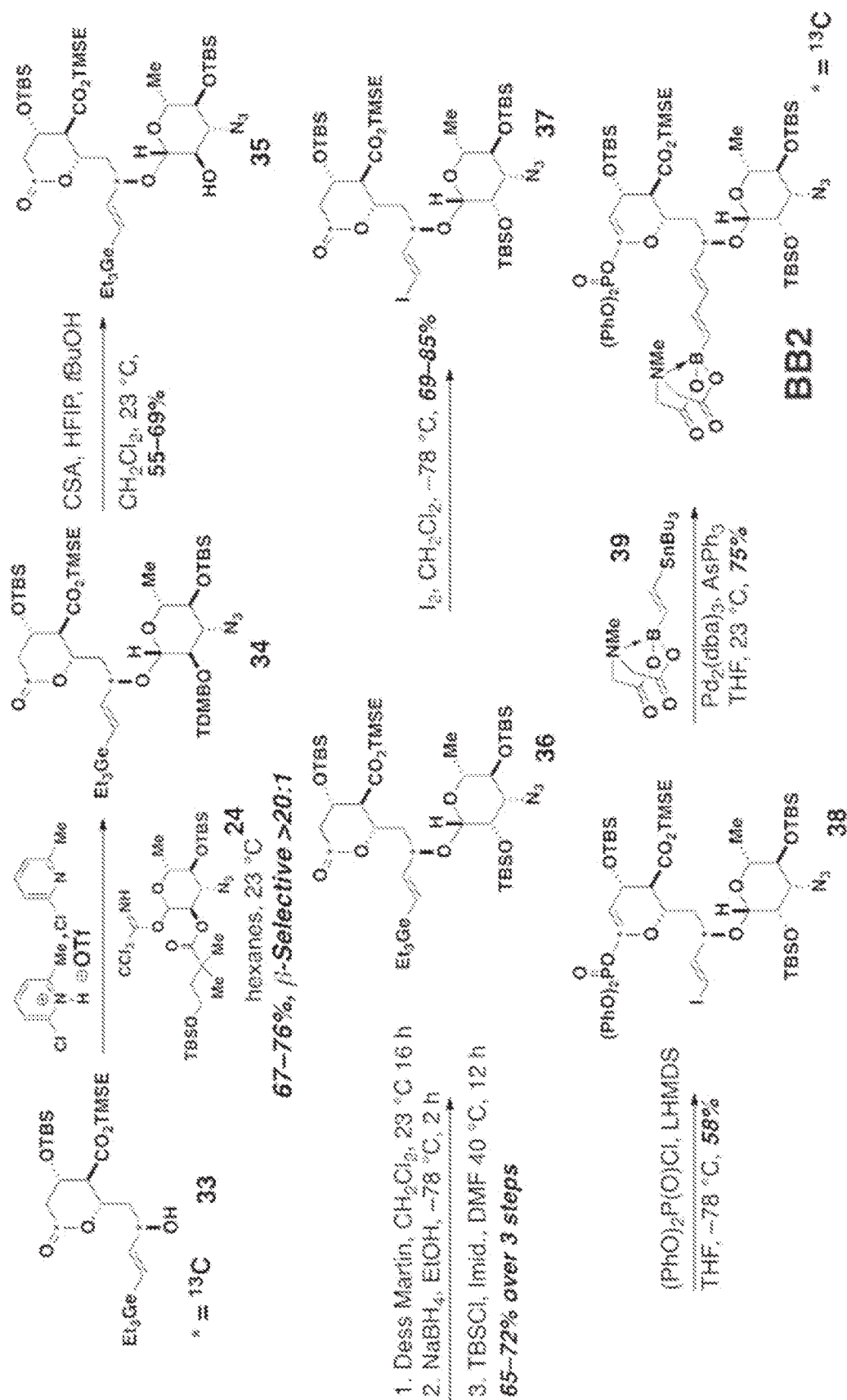
Scheme 8

Figure 22



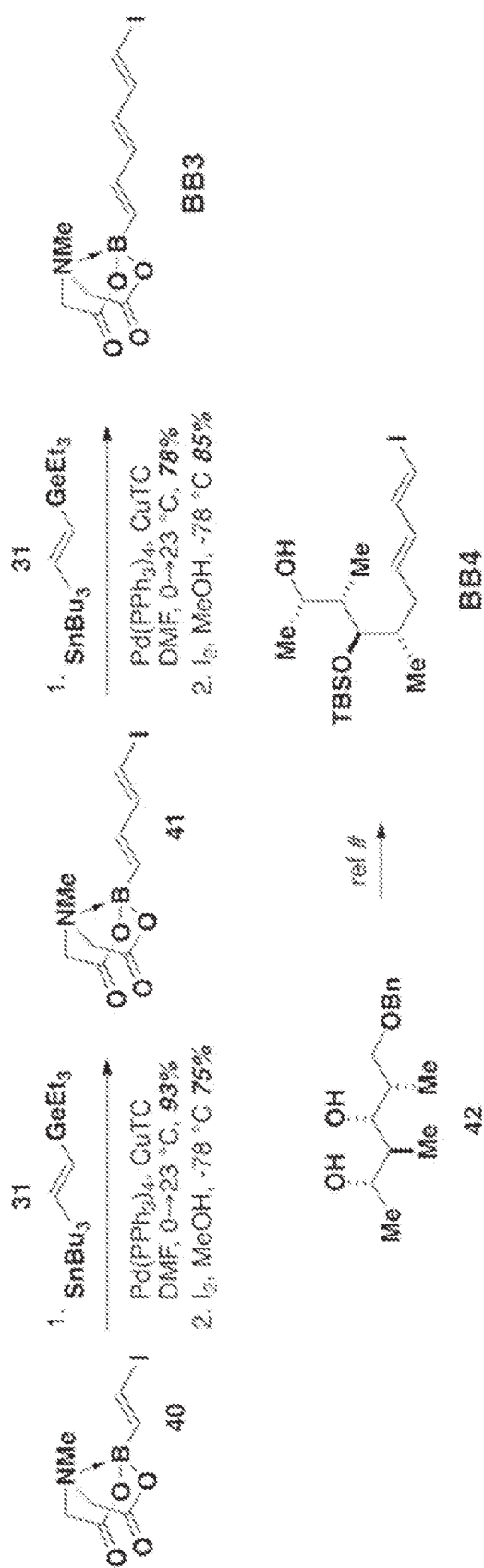
Scheme 9

Figure 23



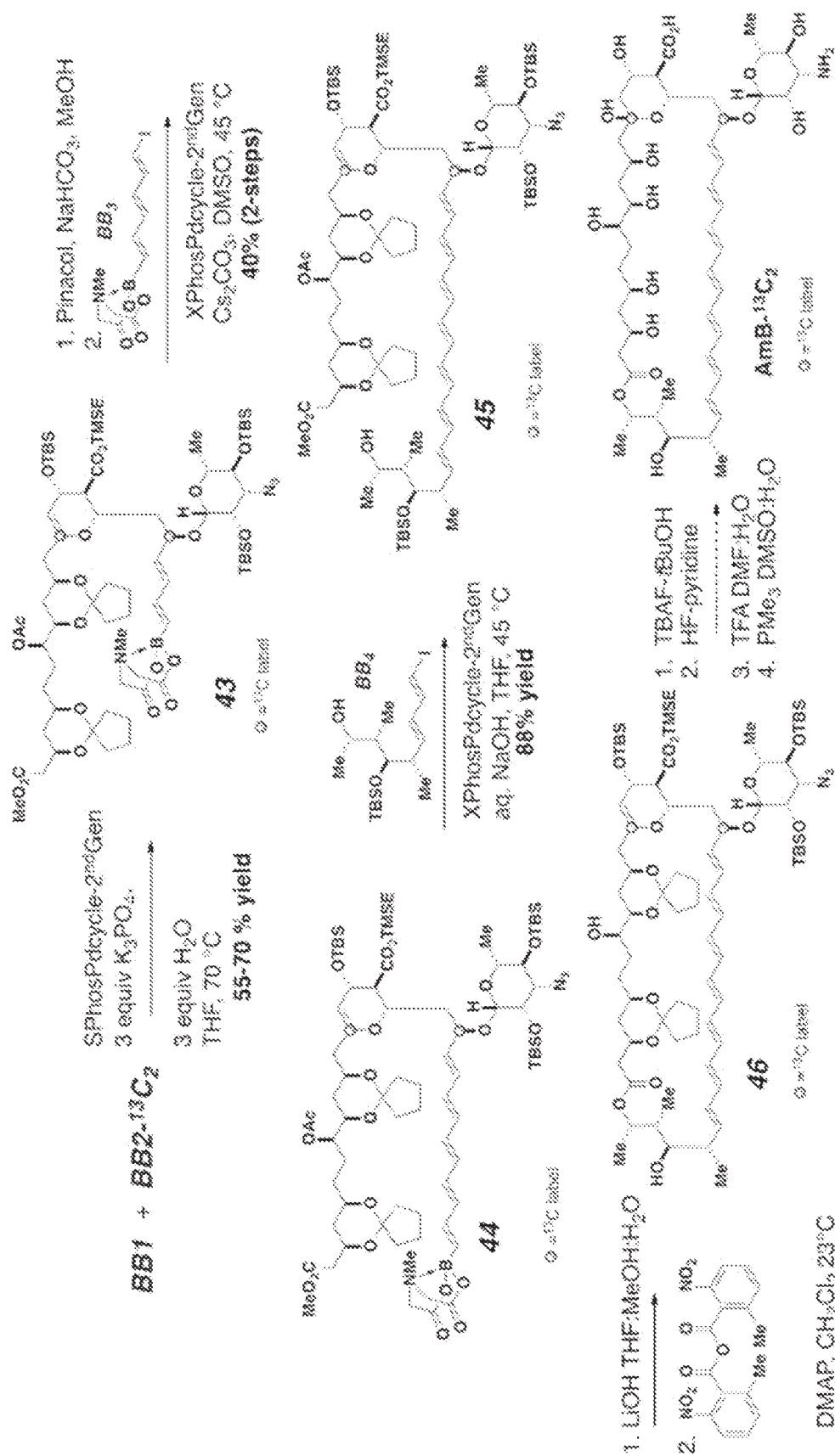
Scheme 10

Figure 24



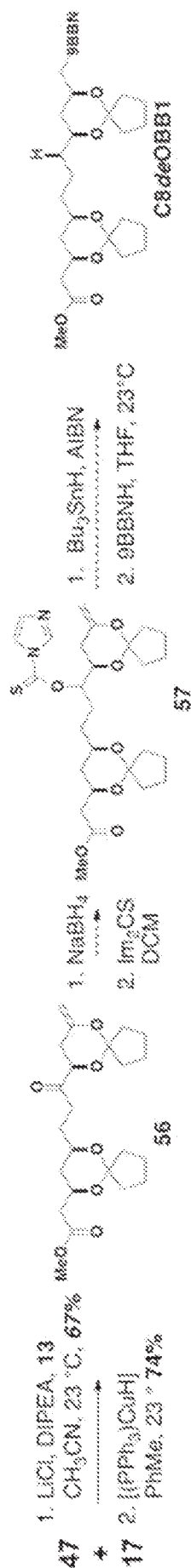
Scheme 11

Figure 25



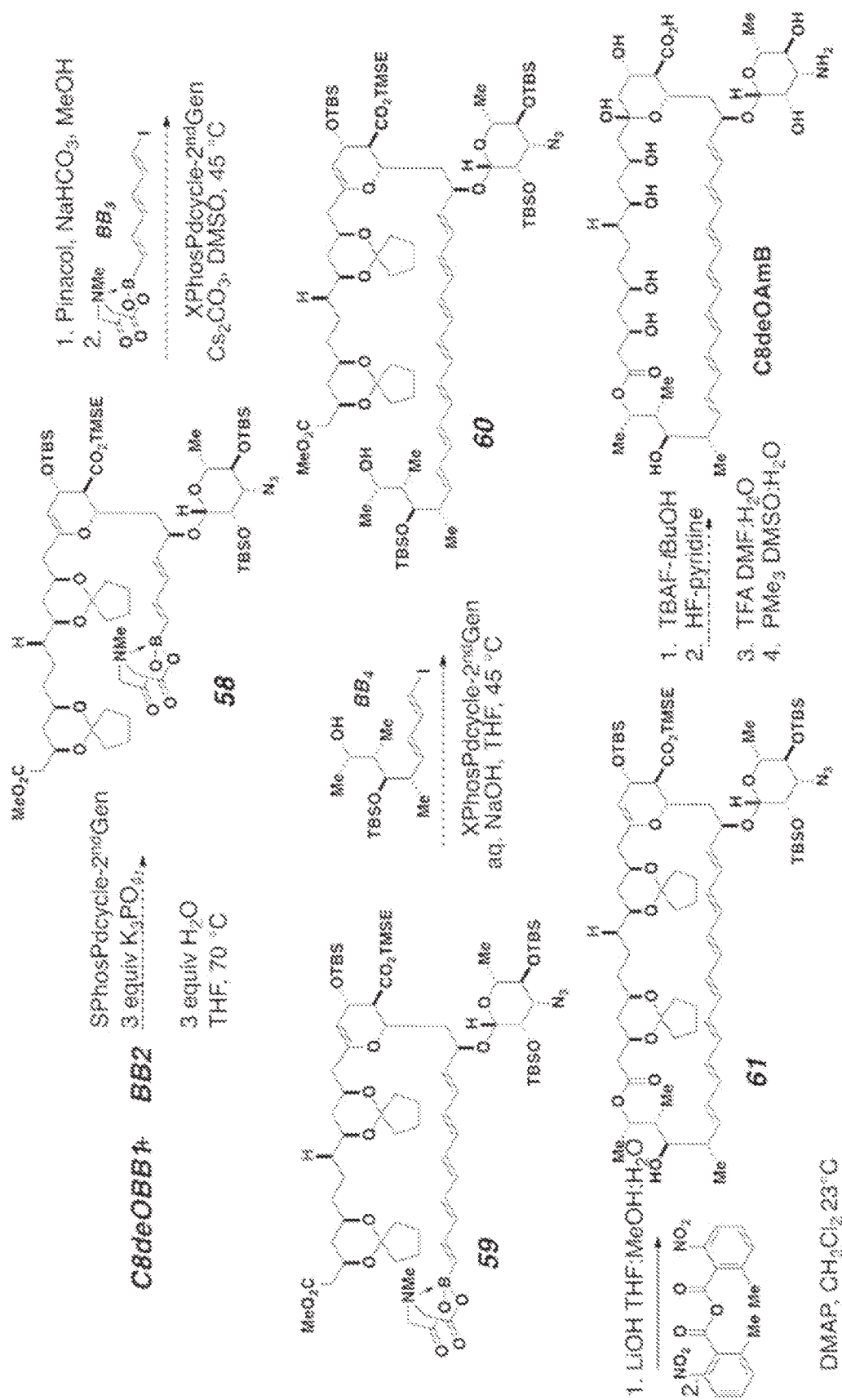
Scheme 12

Figure 27



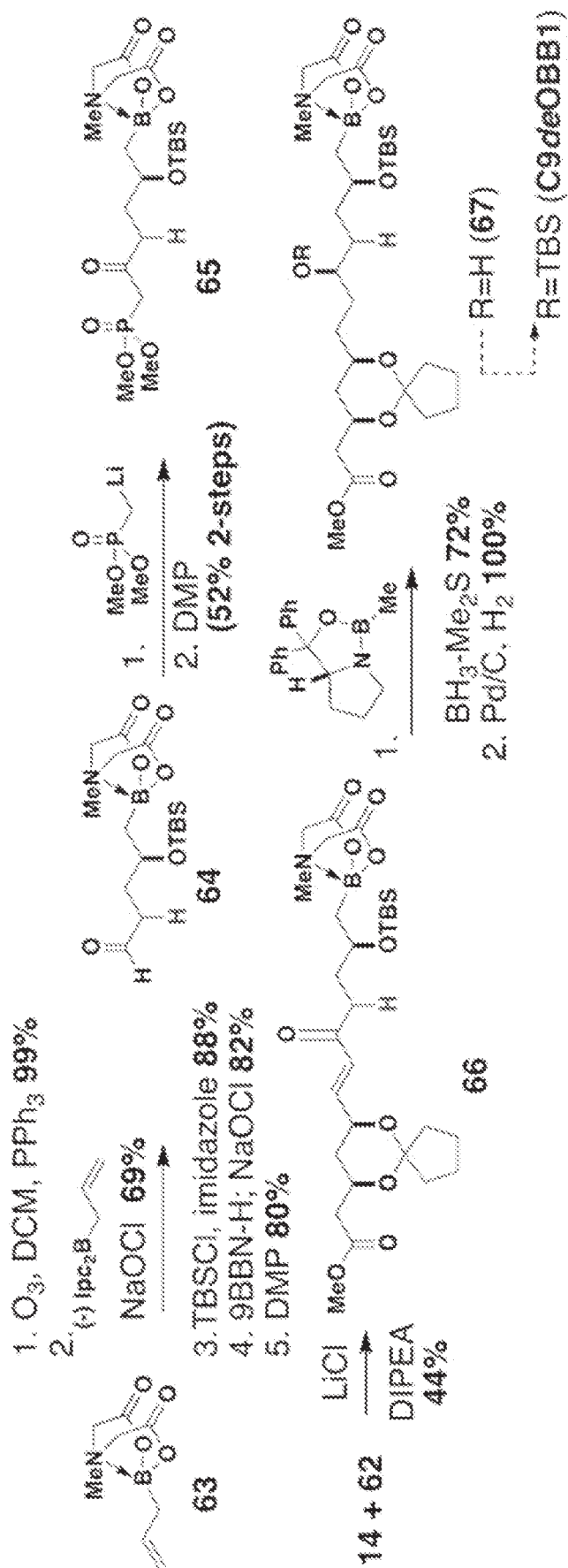
Scheme 15

Figure 28



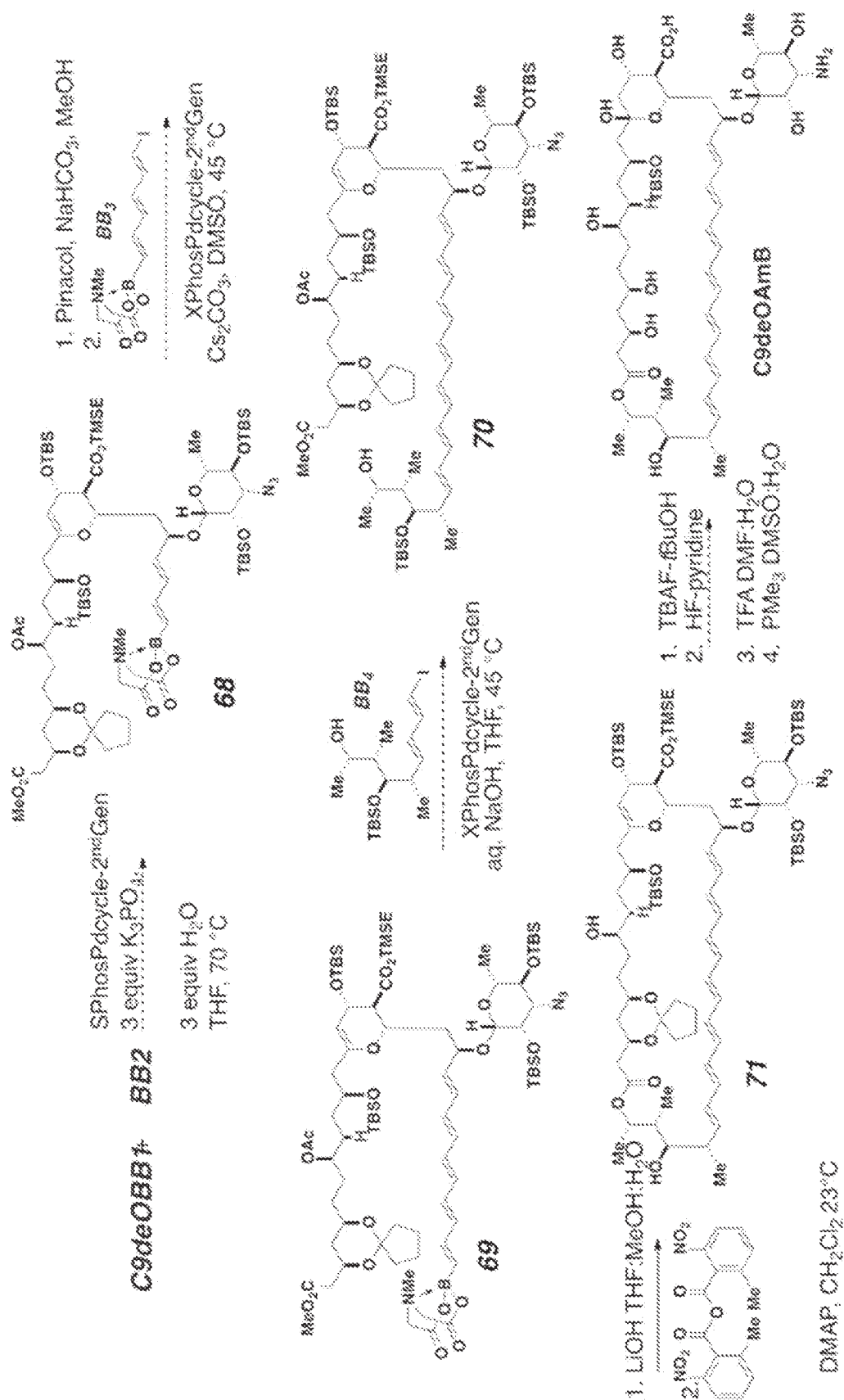
Scheme 16

Figure 29



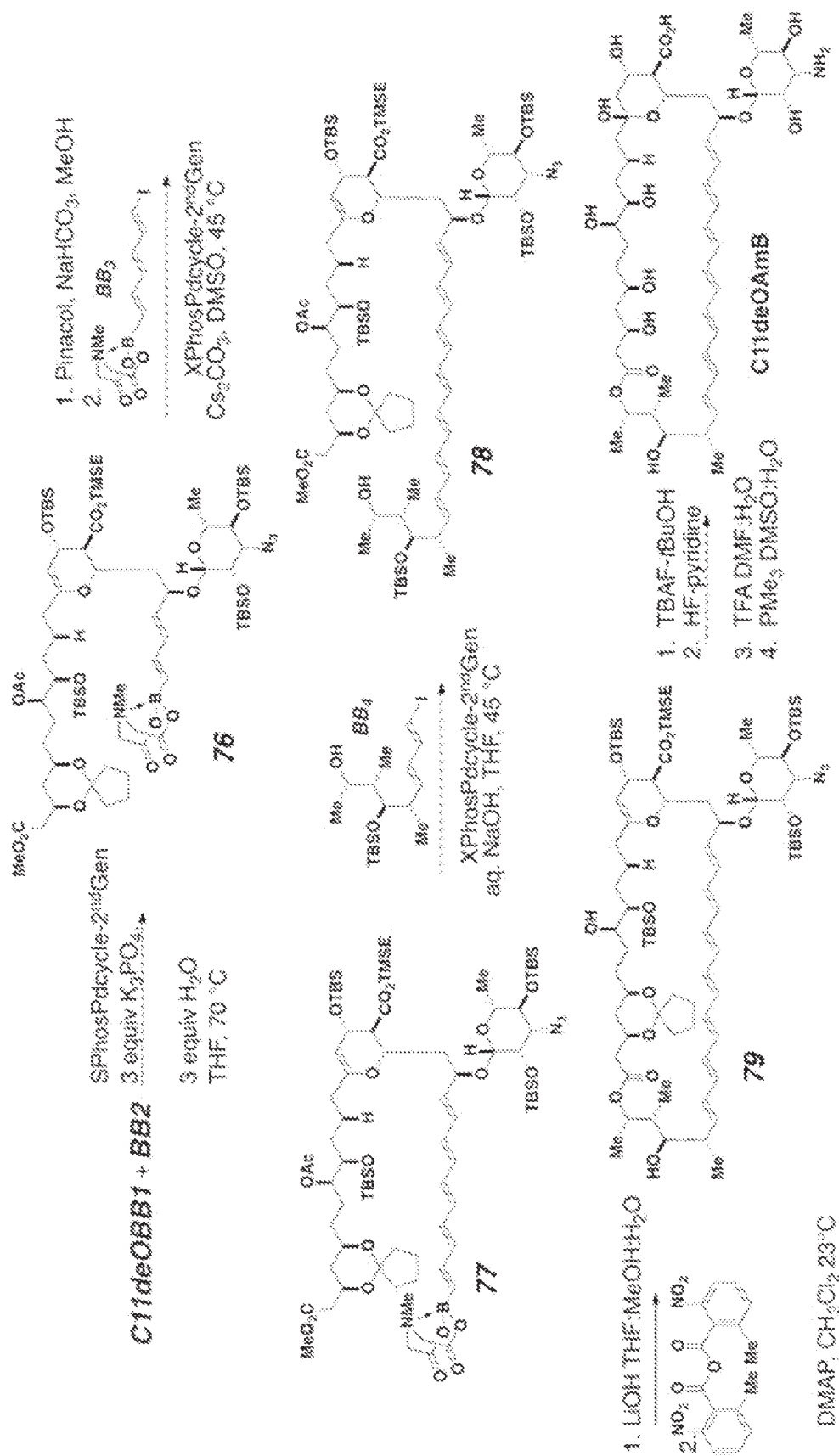
Scheme 17

Figure 30



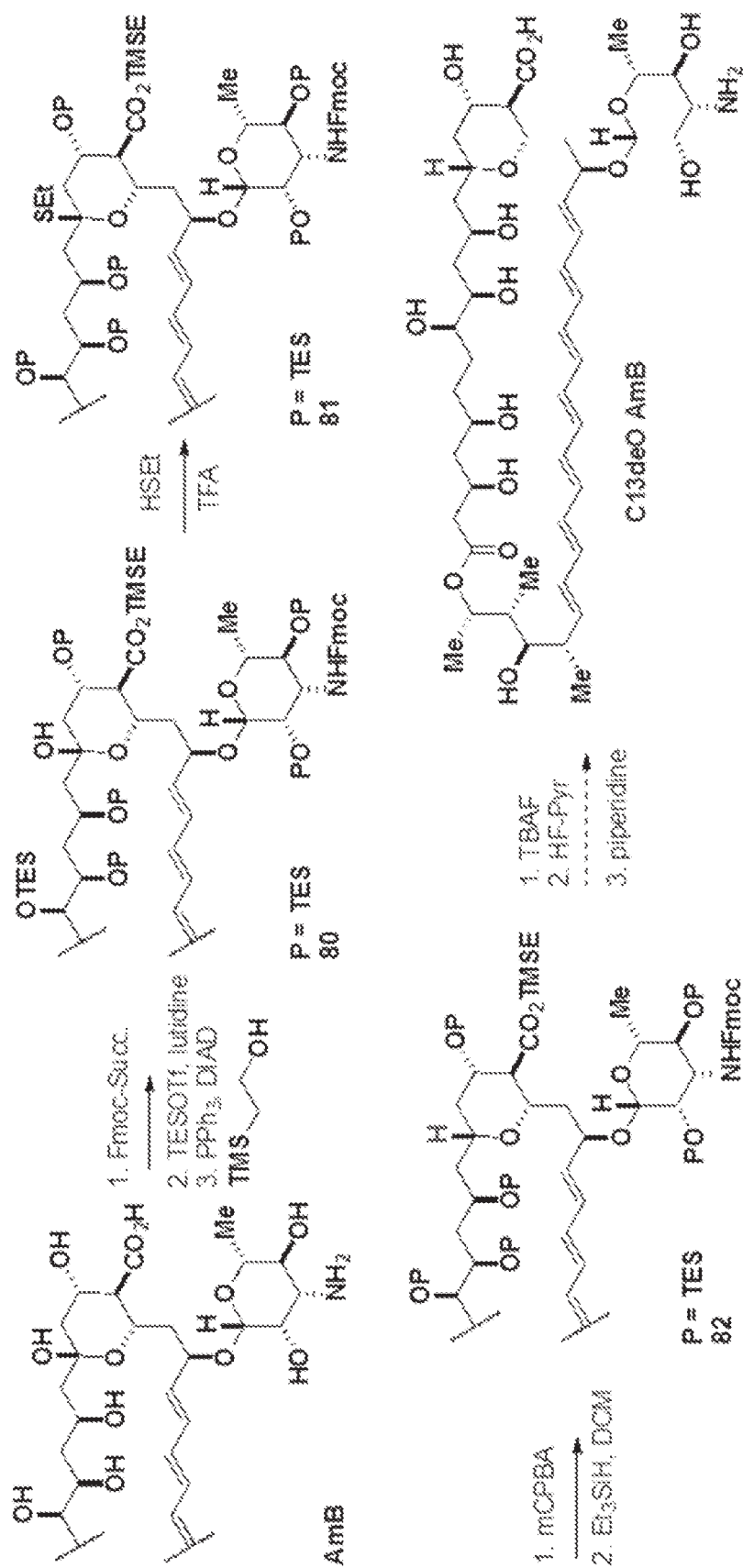
Scheme 18

Figure 31



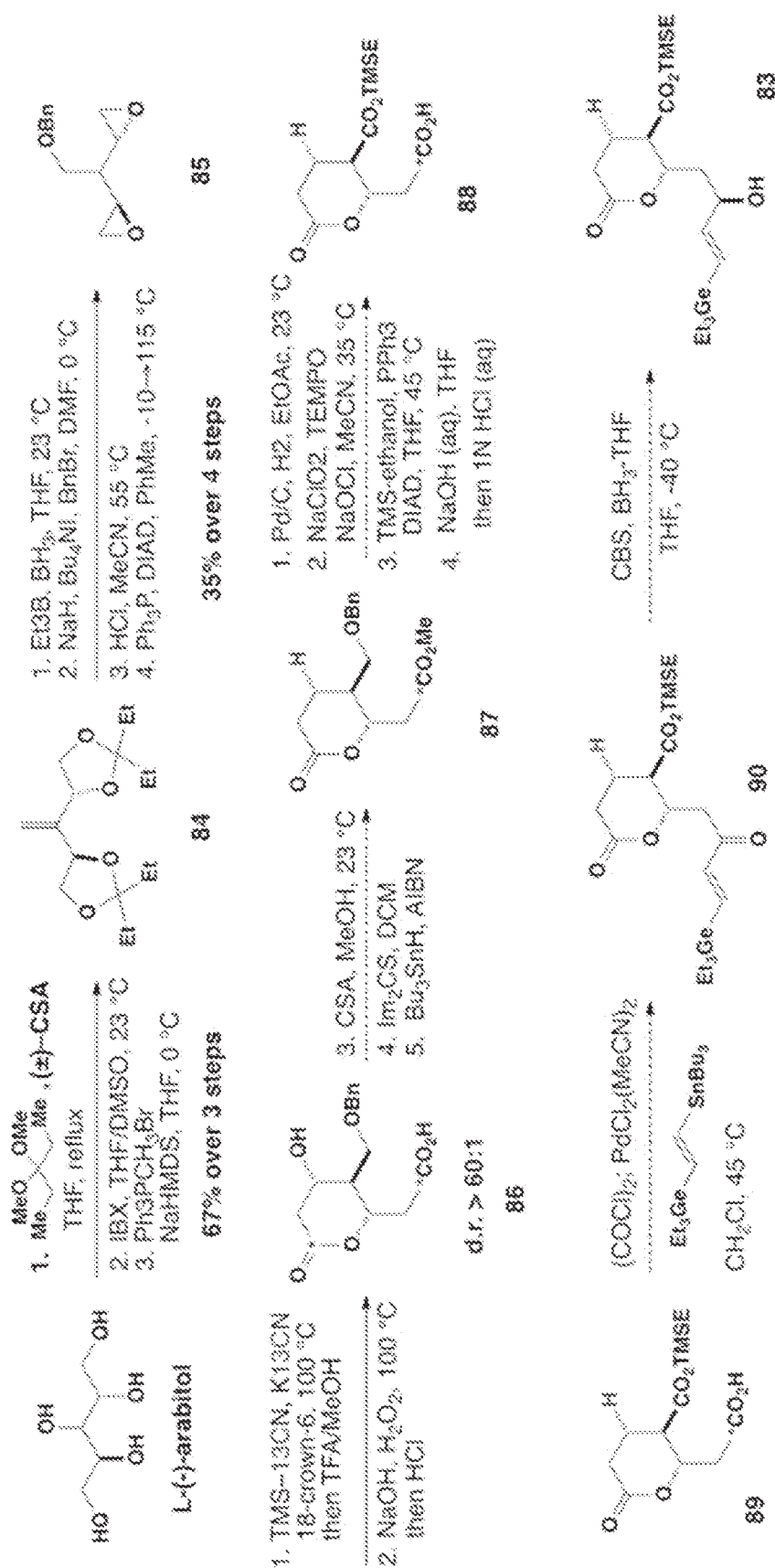
Scheme 20

Figure 32



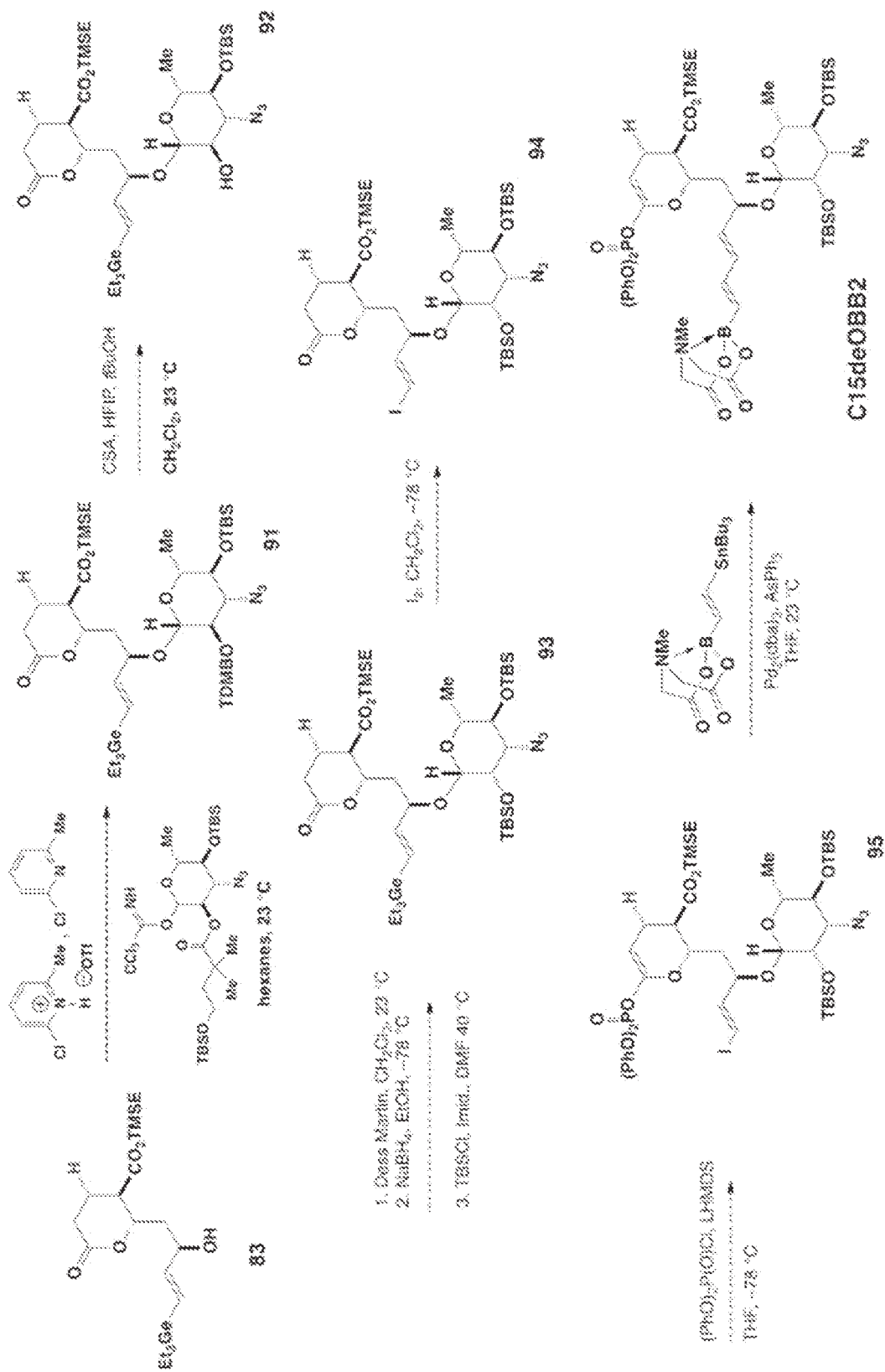
Scheme 21

Figure 33



Scheme 22

Figure 34



Scheme 23

Scheme 24

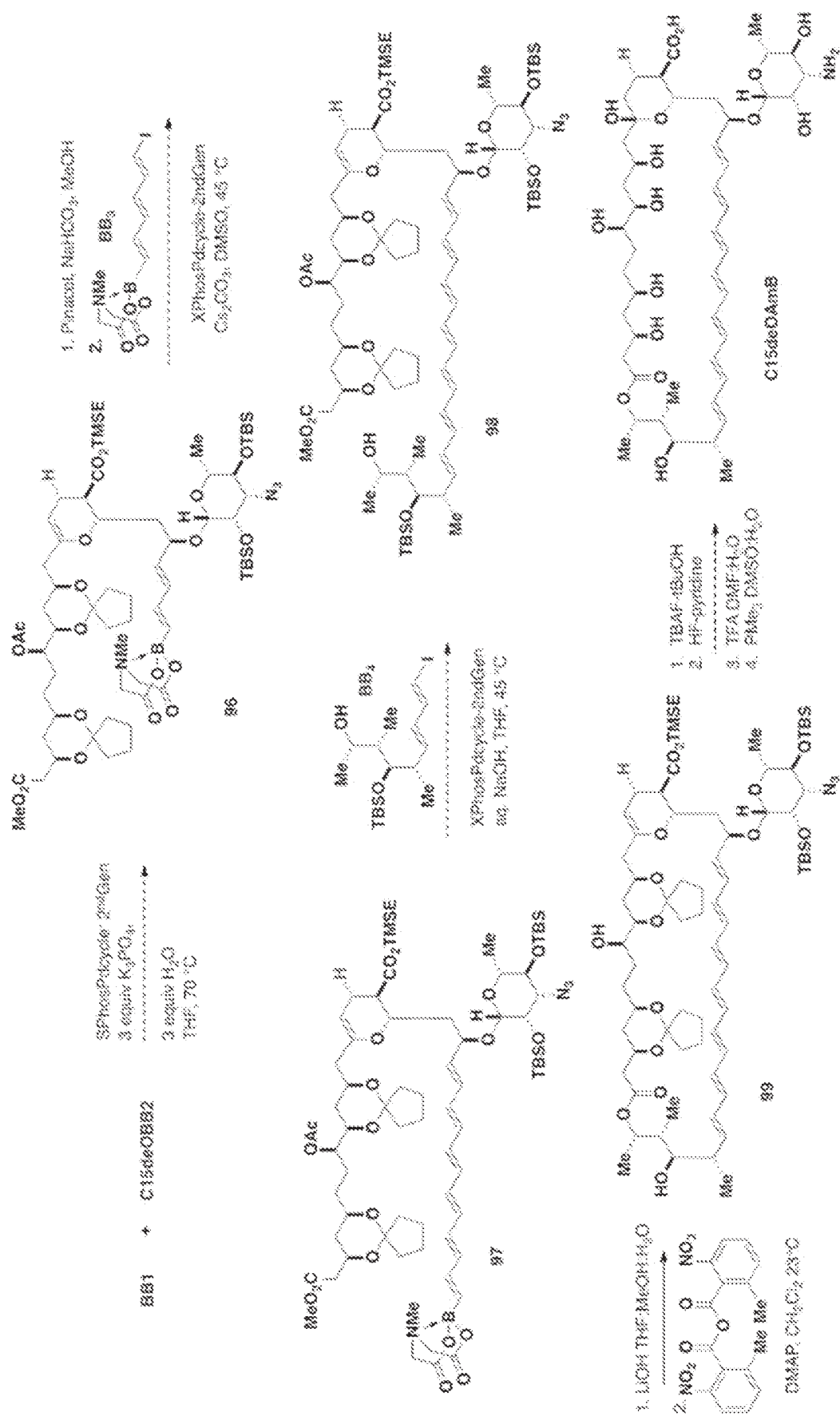
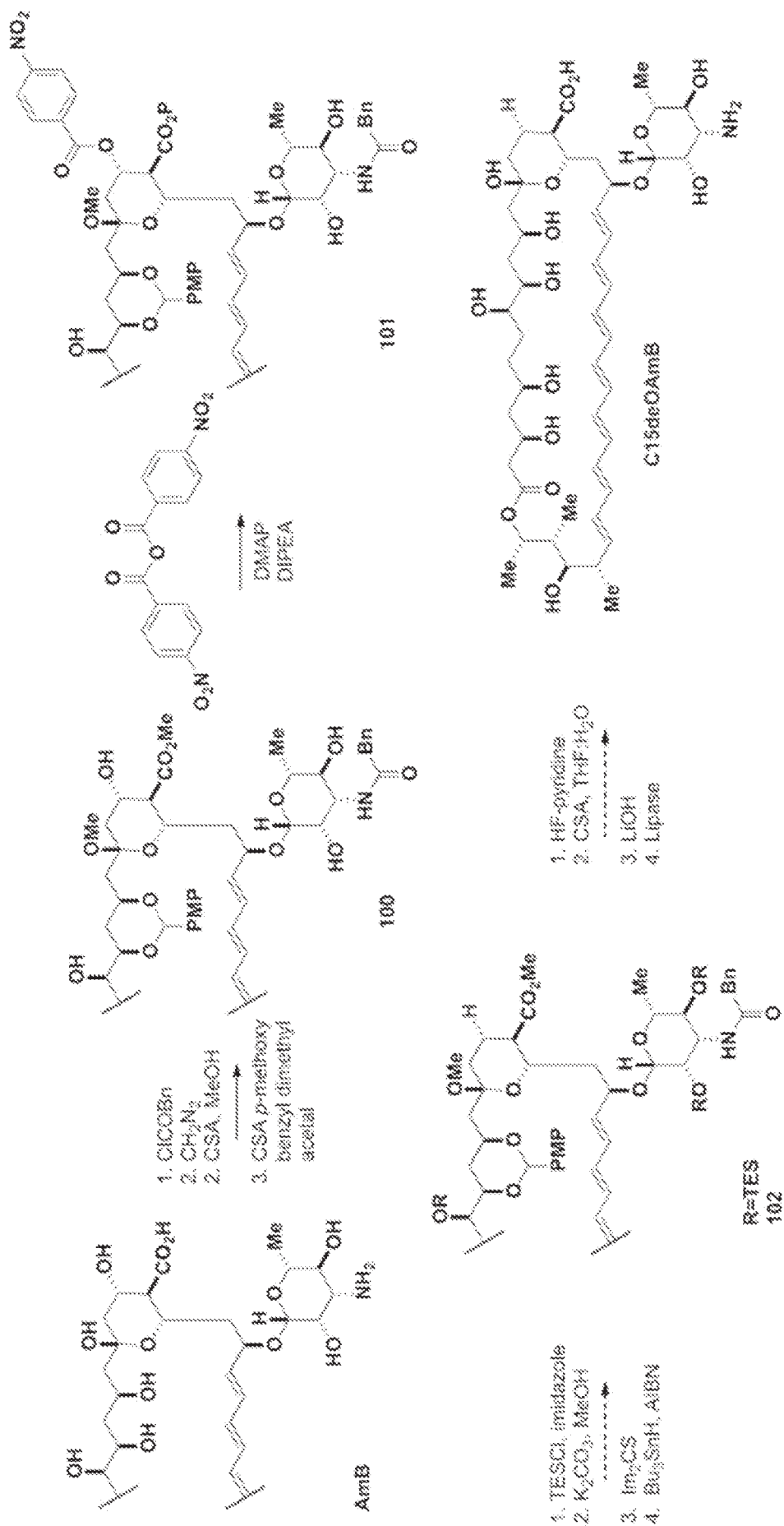
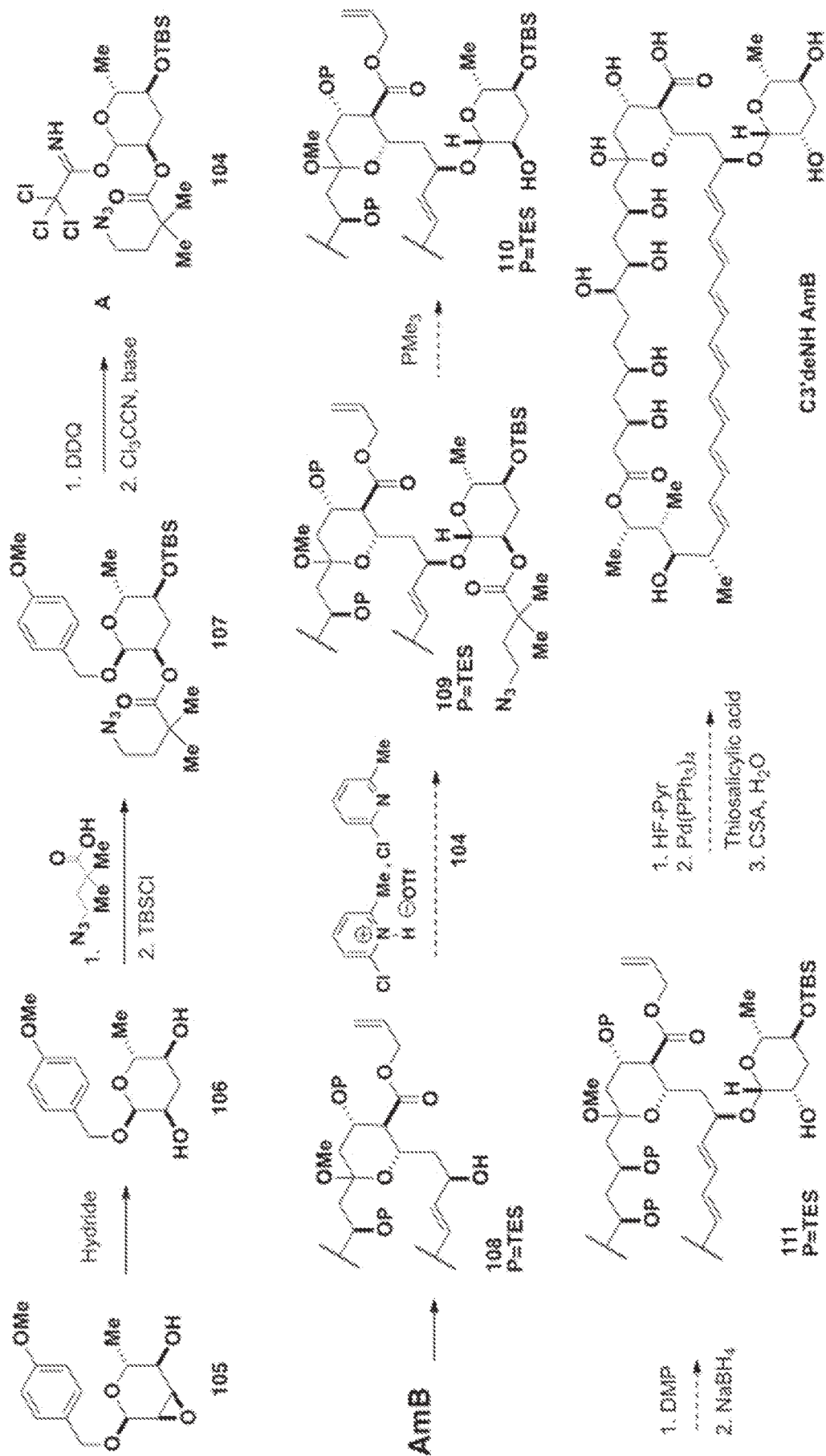


Figure 36

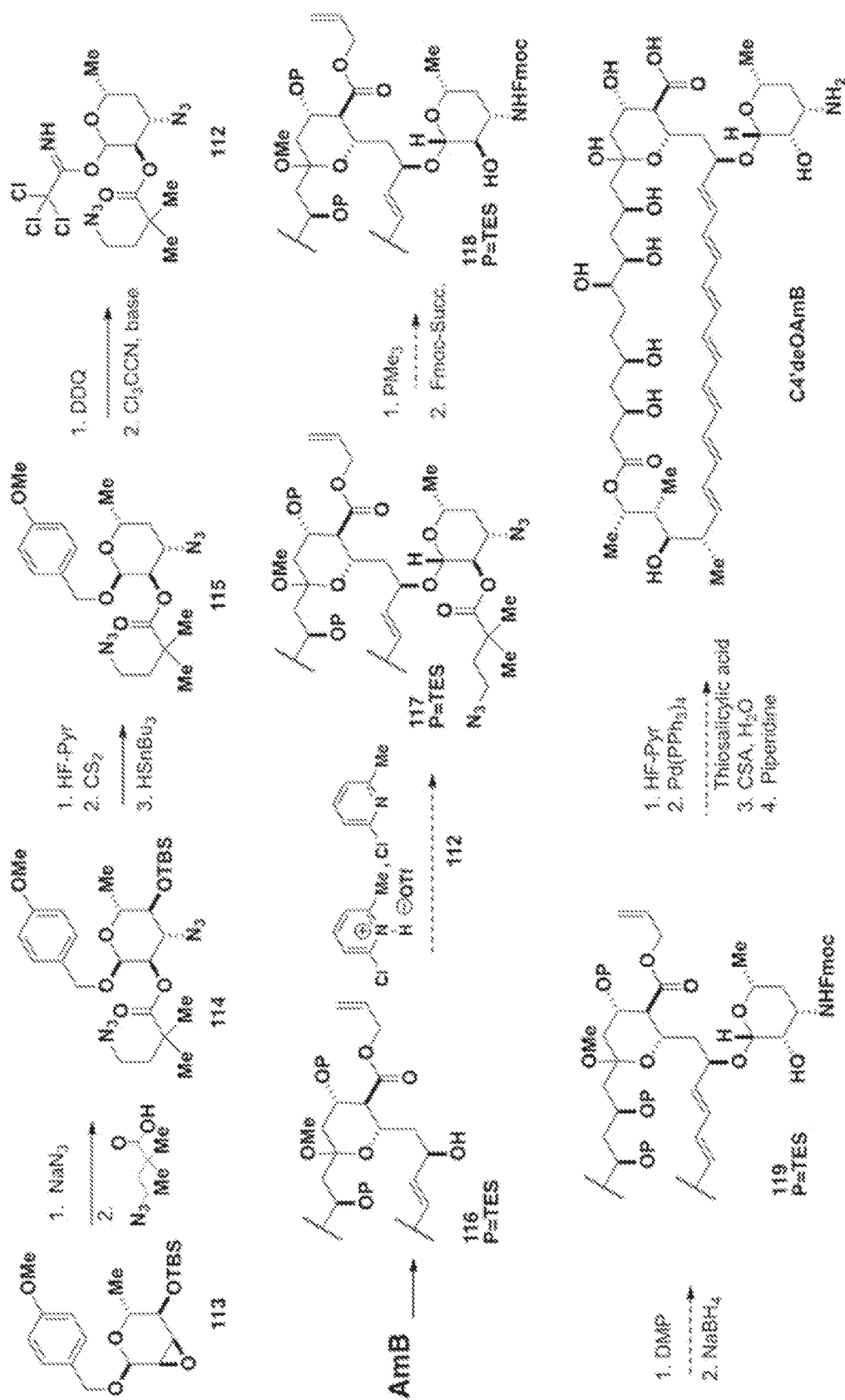


Scheme 25



Scheme 26

Figure 38



Scheme 27

Figure 39

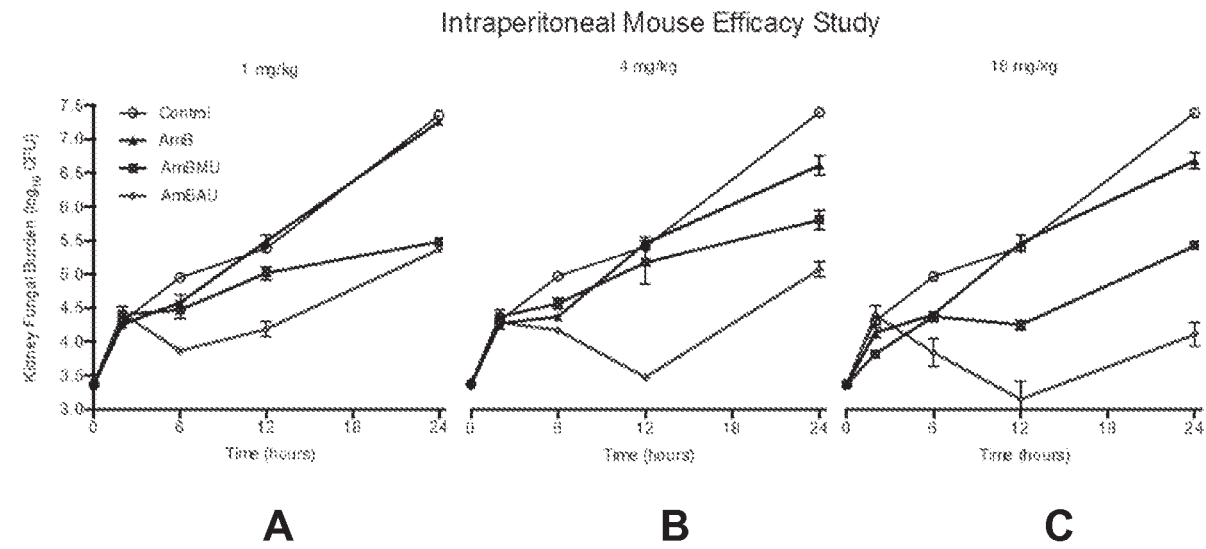


Figure 40

