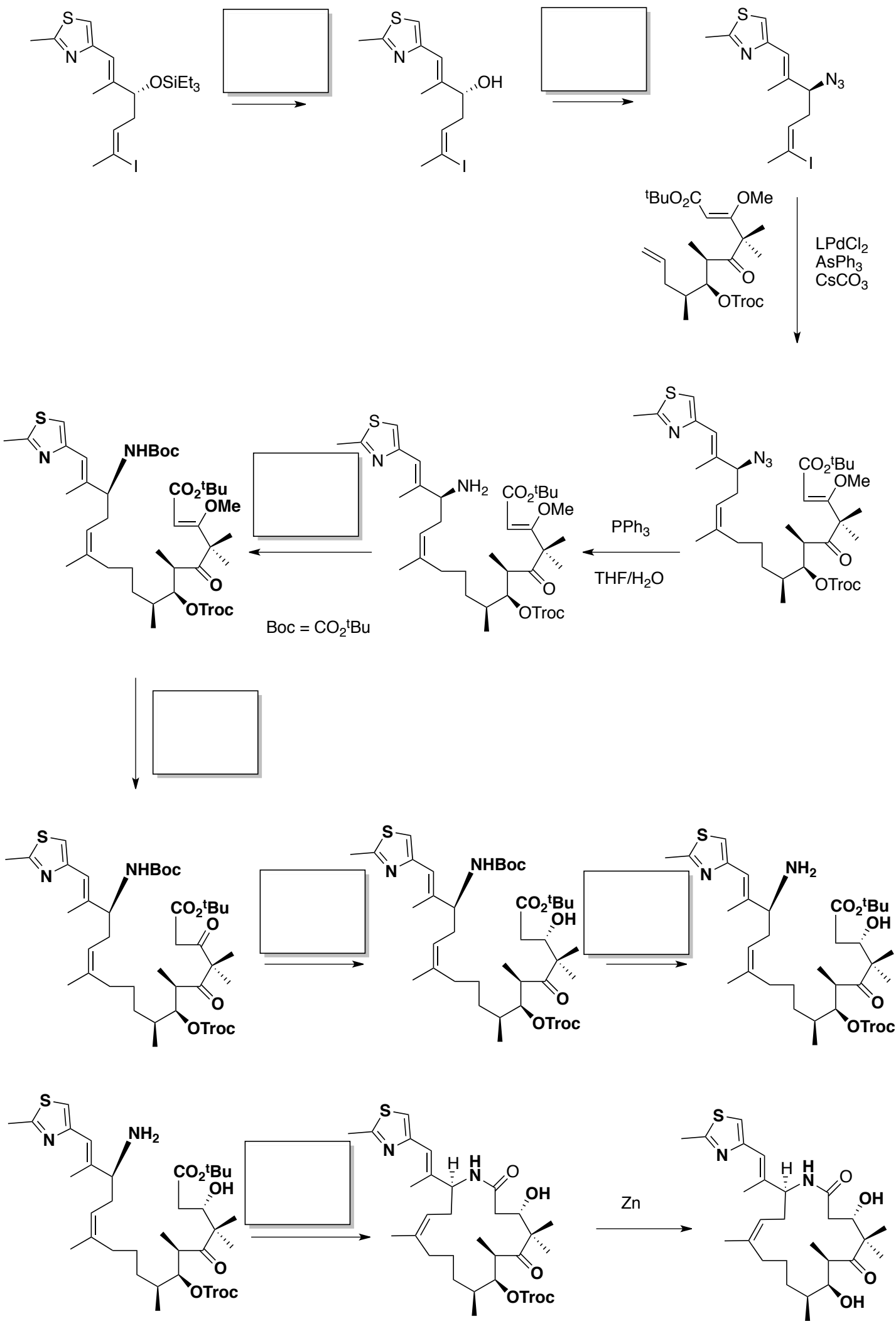


Builds on a series of studies in Danishefsky lab on related family of Epothilones as anti-tumour drugs.



Other analogs synthesized:

15-aza-dEpoB

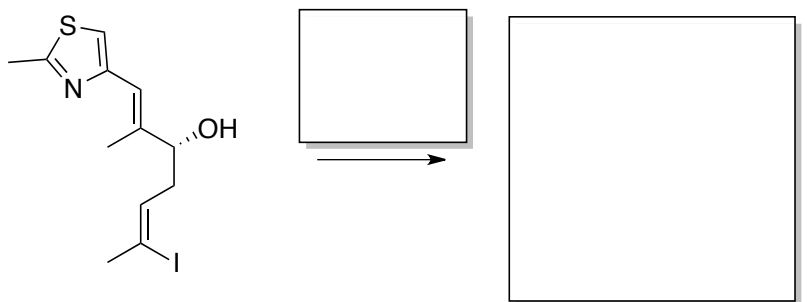
	Toxicity against cell line type:		
	CCRF-CEM	Taxol-resistant	Vinblastane-resistant
	Yes	Yes	Yes
	Yes	No	No
	No	No	No

desoxyepothilone B
dEpoB

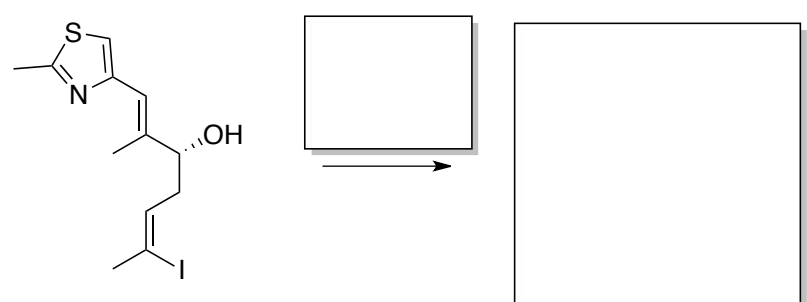
15-aza-dEpoB'

15-aza-dEpoB'

Propose a change in the above synthesis that could eventually lead to the formation of dEpoB.



Propose a change in the above synthesis that could eventually lead to the formation of 15-aza-dEpoB'.



Comment briefly on how changes in analog structure may change the molecular interaction with the target.