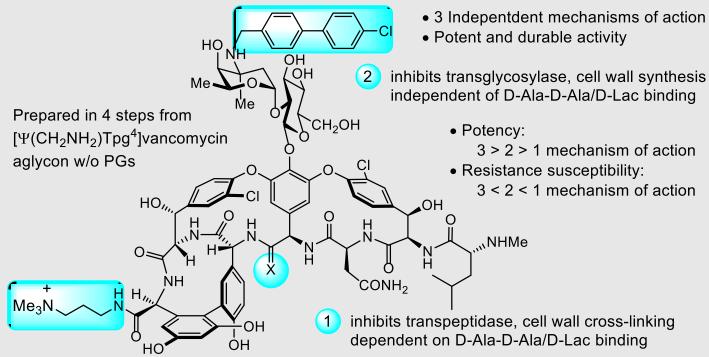
Analogs with Predictably More Potent and Even More Durable Activity



induces membrane permeability but not depolarization no cell lysis and no impact on cell wall synthesis, independent of D-Ala-D-Ala/D-Lac binding

Antimicrobial Activity, MIC^a (μg/mL)

	Va	VanA	
	E. faecalis ^b	E. faecium ^c	
vancomycin	250	250	
$X = H_2$	31	31	
$X = H_2 (CBP)$	0.13	0.06	
$X = H_2 (CBP/C1)$	0.01	0.005	

^aMIC = Minimum inhibitory concentration. ^bBM 4166. ^cATCC BAA-2317.

Okano, A.; Isley, N. A.; Boger, D. L. Proc. Natl. Acad. Sci. USA 2017, 114, E5052