N3
O
OH
BnO
NHAc
OBn
1) Staudinger/
azawittig
2) C-Alkylation
3) N-Benzylation
ring expansion
Bn
N
R
trans
HO
3
NHAc
BnO
OBn
NHAc anchimeric
assistance
1) ring contraction
2) deprotection
ring contraction
OH
H
N
R
HO
NHAc
OH
L-iminosugar C-glycosides
R = Me, Et, Pr, Bu, Ph