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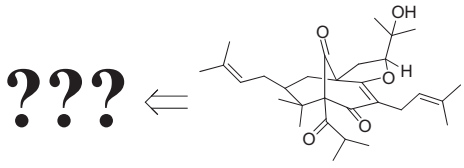
REPORT



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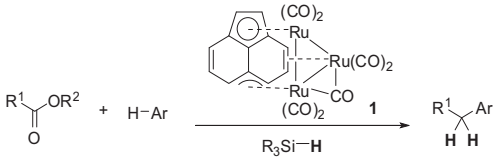
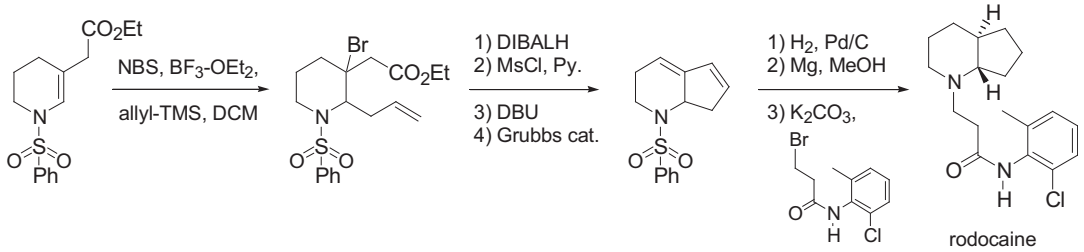
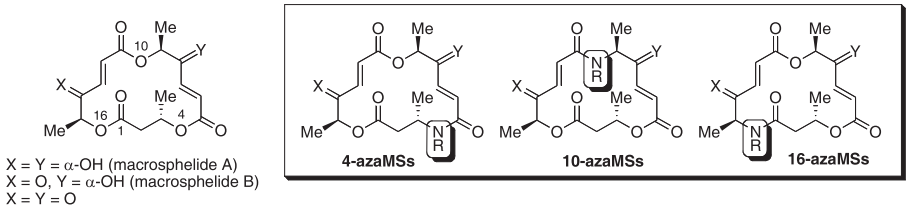
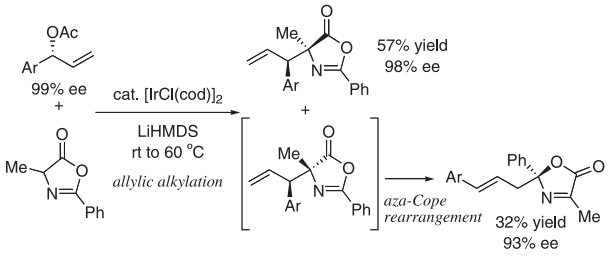
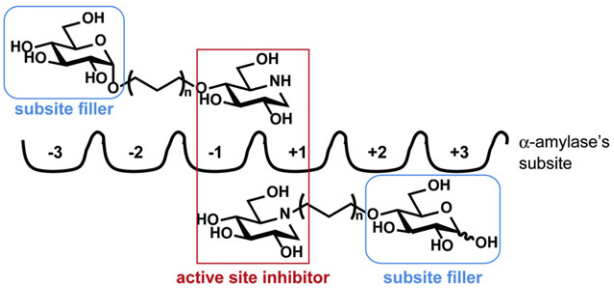
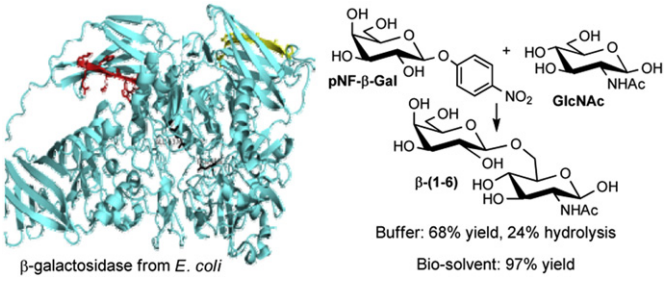


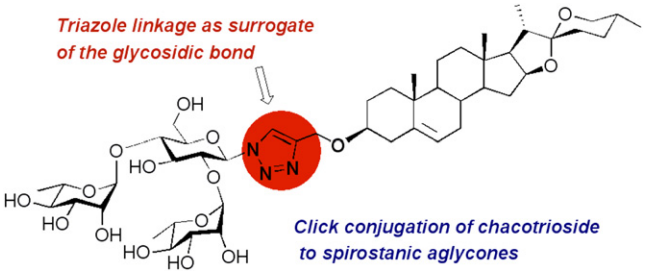


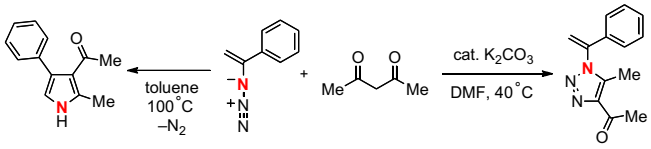


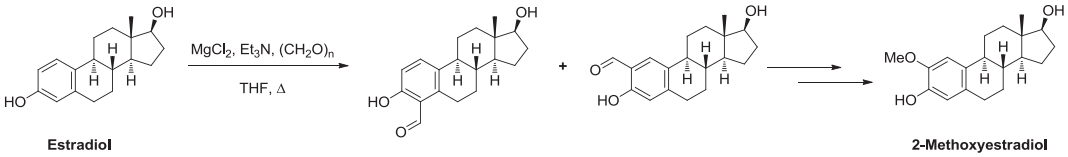


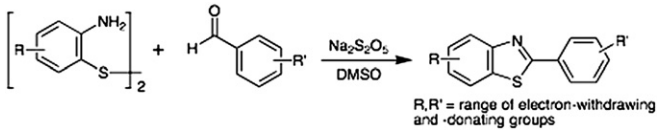


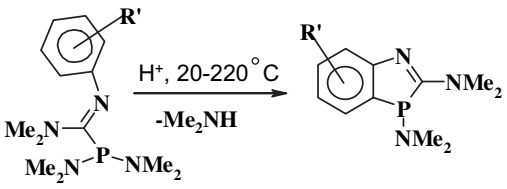


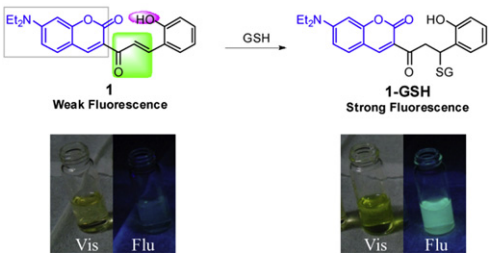


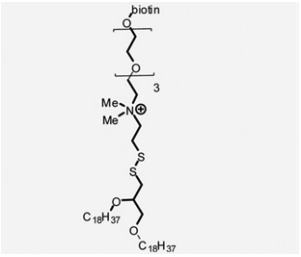




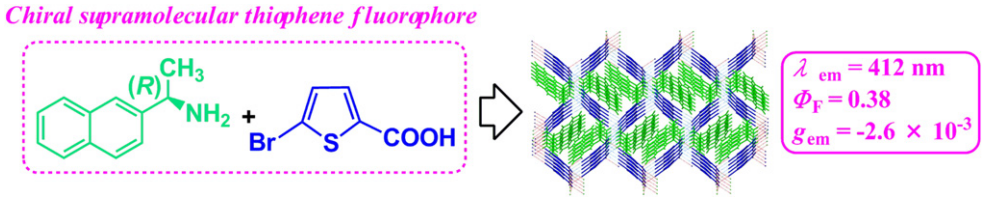


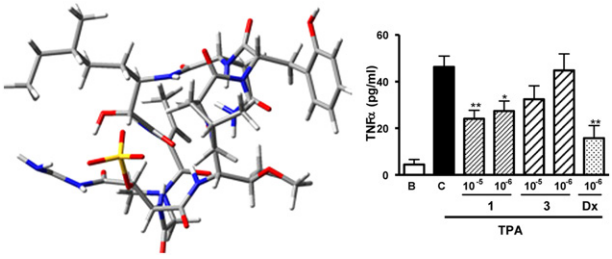


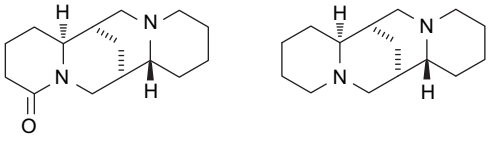


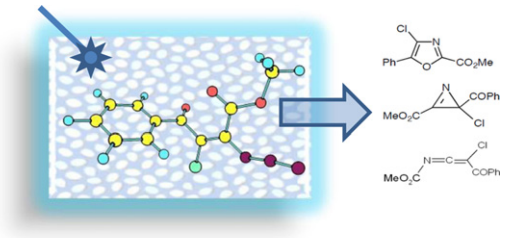


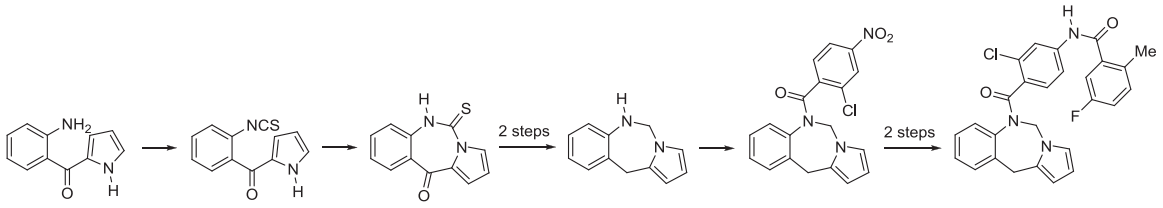
Several novel amphiphilic lipid derivatives were synthesized consisting of a lipid anchor connected to the hydrophilic moiety via a disulfide or glycoside bond and biotin linked to the hydrophilic part. Such conjugates can be incorporated into biocompatible phospholipid membranes and are promising candidates for building targeted, triggered drug delivery carriers.

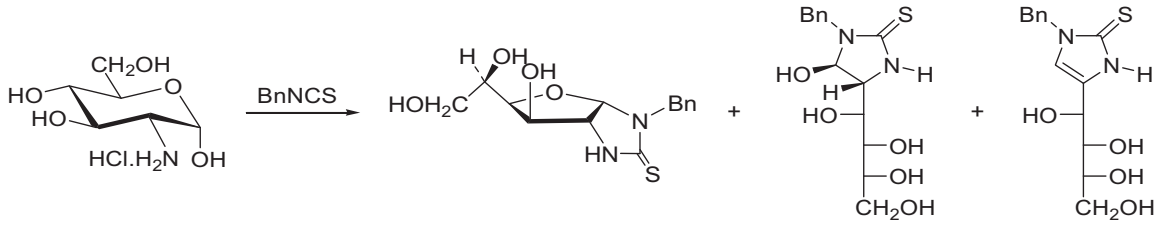




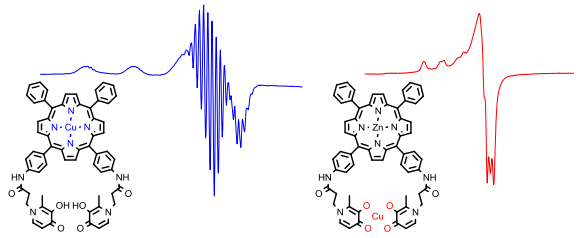


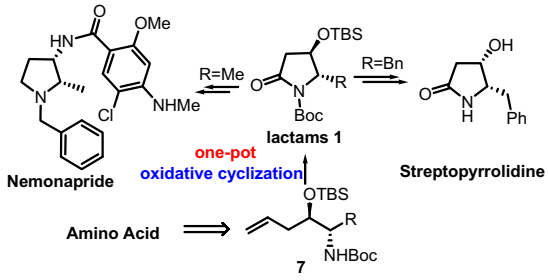


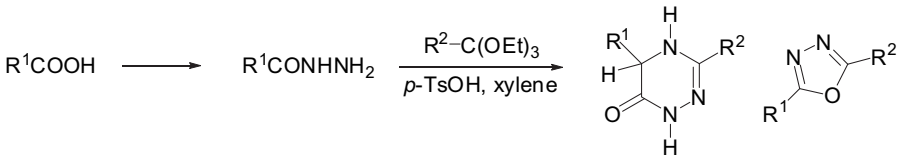




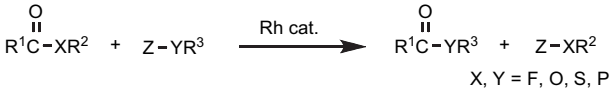
All products and reaction mechanism of BITC (an inhibitor of carcinogenesis from glucosinolate hydrolysis) with D-glucosamine (an anti-inflammatory agent) have been characterized.



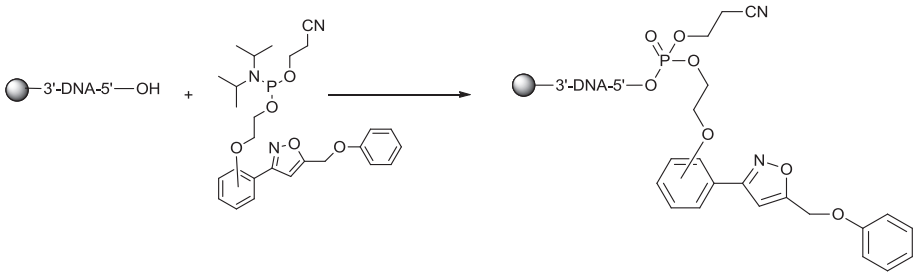




R^1COOH = D-Ph-Gly, L-Tyr, L-His, L-Pro, Ph_2-Gly, D-*m*-NO_2-Ph-Gly
R^2 = H, Me, Et, Ph



X, Y = F, O, S, P



The versatility of Huisgen cycloaddition for provision of DNA-conjugates has been extended; in a novel approach isoxazole conjugated oligodeoxyribonucleotides have been constructed by solid phase phosphoramidite coupling of isoxazole derivatives previously generated by click chemistry.

*Corresponding author
Supplementary data available via ScienceDirect

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