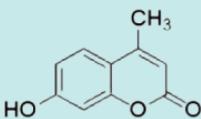
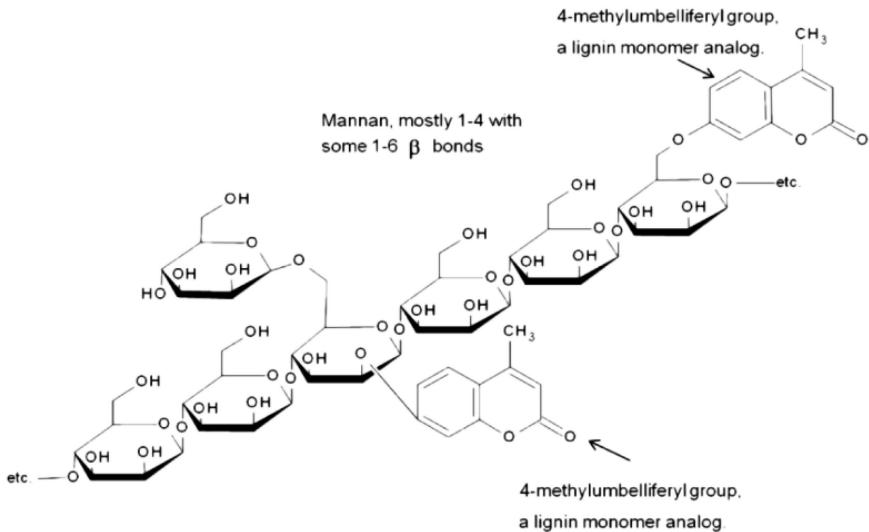
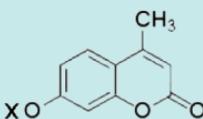


Indicating (Fluorogenic) Substrate



Free 4-methyl-umbelliferone is strongly fluorescent.



Ethers of 4-methyl-umbelliferone are minimally fluorescent.

Microorganisms that can cleave phenyl ether bonds between 4-methylumbelliferone and C6 of residues of mannan will generate fluorescence.