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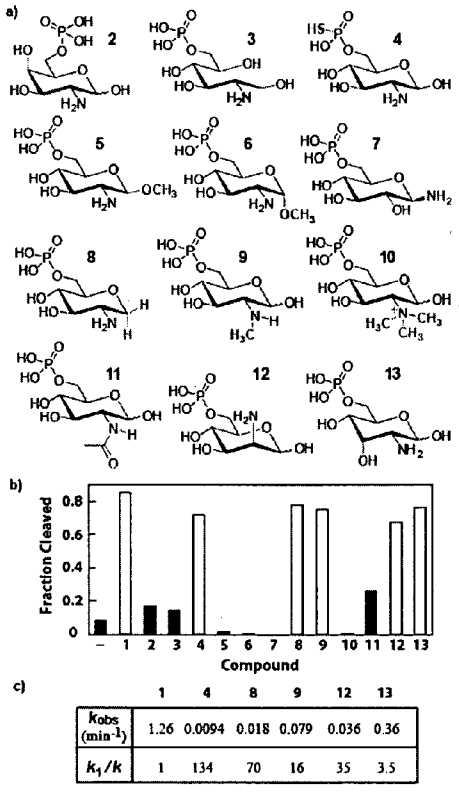
(54) Title: GLMS RIBOSWITCHES, STRUCTURE-BASED COMPOUND DESIGN WITH GLMS RIBOSWITCHES, AND METHODS AND COMPOSITIONS FOR USE OF AND WITH GLMS RIBOSWITCHES



	1	4	8	9	12	13
k_{obs} (min^{-1})	1.26	0.0094	0.018	0.079	0.036	0.36
k_1/k	1	134	70	16	35	3.5

(57) Abstract: The glmS riboswitch is a target for antibiotics and other small molecule therapies. Compounds can be used to stimulate, active, inhibit and/or inactivate the glmS riboswitch. The atomic structures of the glmS riboswitch can be used to design new compounds to stimulate, active, inhibit and/or inactivate riboswitches.

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