

QL13-40

Done

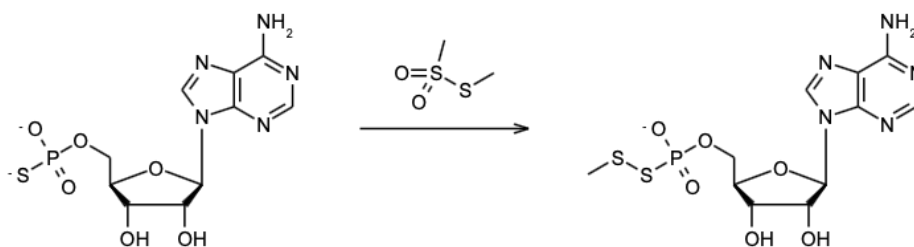
Title: Goal:

Started on: April 16, 2021

Project: Phosphorothioates

Type: Disulfide exchange

Scheme



Tables

	Reactant	MW	m	n	equiv	d	volume	source	purity/ conc./ loading
1	molecule 1	361.271			1.00				

2	S-Methyl methanethiosulfonate	126.198			1.00	1.337			
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	Solvent	volume	ratio	conc.	event	temp.	time	heat/cooling source	info
1					1				

	Product ID	MW	m	n	equiv	m obtained	yield	purity/ conc./ loading	Results	Name
1	Draft-1-1	408.370			1.00					

Procedure

To a solution of molecule 2 (0.825 ug, 4.00 undefined) in PBS (1 mM, 4.00 μ L, 1.0 eq.) was added a solution of molecule 1 (4 μ L, 4.00 undefined) in PBS buffer (11.1 μ M (0.1 eq.), 22.2 (0.2 eq.), 55.5 (0.5 eq.), 111 μ M (1 eq.), 1.11 mM (10 eq.), or 11.1 mM (100 eq.), 36 μ L, pH 7.4).

LCMS were measured after 30 min.