

QL13-27

Done

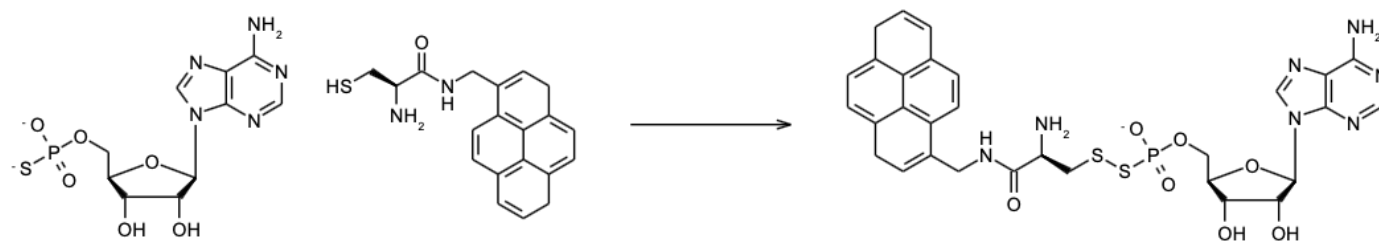
Title: Goal: 

Started on: March 26, 2021

Project: Phosphorothioates

Type: Disulfide exchange

## Scheme



## Tables

	Reactant	MW	m	n	equiv	d	volume	source	purity/ conc./ loading
1	molecule 1	361.271		4.00 undefined	1.00		4 uL		1 mM In PBS
2	molecule 2	336.451		400 undefined	100		40.0 uL		10 mM In PBS

	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--2	696.714	2.79 ug	4.00 undefined	1.00					

## Procedure

To a solution of molecule 2 (40.0 uL, 400 undefined) in PBS (1 mM, 4.00 uL, 1.0 eq.) was added a solution of reduced molecule 1 (4 uL, 4.00 undefined) in PBS buffer (111 uM + 1 uL TCEP 10 mM (1 eq.), 1.11 mM + 1 uL TCEP 100 mM (10 eq.), or 11.1 mM + 10 uL TCEP 100 mM (100 eq.), 36 uL, pH 7.4). The reaction mixture was analysed by LCMS.