

QL13-59

Done

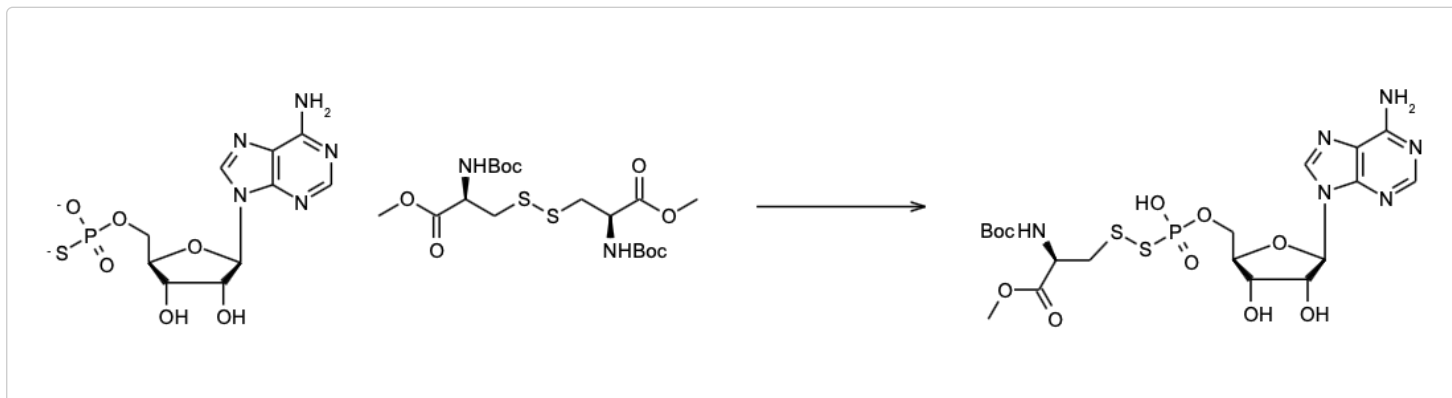
Title: Goal:

Started on: April 22, 2021

Project: Phosphorothioates

Type: Disulfide exchange

Scheme



Tables

	Reactant	MW	m	n	equiv	d	volume	source	purity/ conc./ loading
1	molecule 2	361.271		4.00 undefined	1.00		4.00 uL		1 mM In PBS
2	molecule 1	468.586		400 undefined	100		36.0 uL		11.1 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-5-2	596.572	2.39 ug	4.00 undefined	1.00					

Procedure

To a solution of molecule 1 (36.0 uL, 400 undefined) in PBS (1 mM, 4.00 uL, 1.0 eq.) was added a solution of molecule 2 (4.00 uL, 4.00 undefined) in PBS buffer (111 uM (1 eq.), 1.11 mM (10 eq.), 11.1 mM (100 eq.), 111 mM (1000 eq.), 36 uL, pH 7.4).

HPLC conditions: 0% - 40% ACN over 10 minutes in total, 1 mL/min