

QL13-56

Done

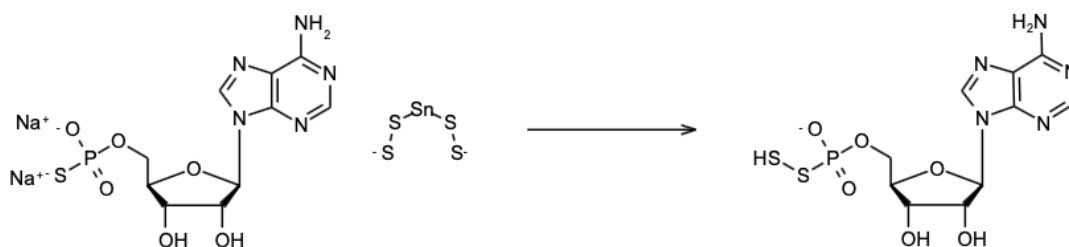
Title: Goal:

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 1	407.251		0.400 undefined	1.00		0.400 uL		1 mM In PBS
2	molecule 2	246.969		0.400 undefined	1.00		0.00200 uL		200 mM In Water

	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--3	394.344	0.158 ug	0.400 undefined	1.00					

Procedure

To a solution of molecule 1 (0.400 uL, 0.400 undefined) in PBS (1 mM, 4.00 uL, 1.0 eq.) was added a solution of molecule 2 (0.00200 uL, 0.400 undefined) in PBS buffer (111 uM (10 eq.), 1.11 mM (100 eq.), 11.1 mM (1000 eq.), 111 mM (10000 eq.), 36 uL, pH 7.4). HPLC were measured after 5, 30 or 60 min.

HPLC conditions: 5% - 40% ACN over 8 minutes in total, 1 mL/min, buffer TEAA 100 mM pH 7.5 as mobile phase