

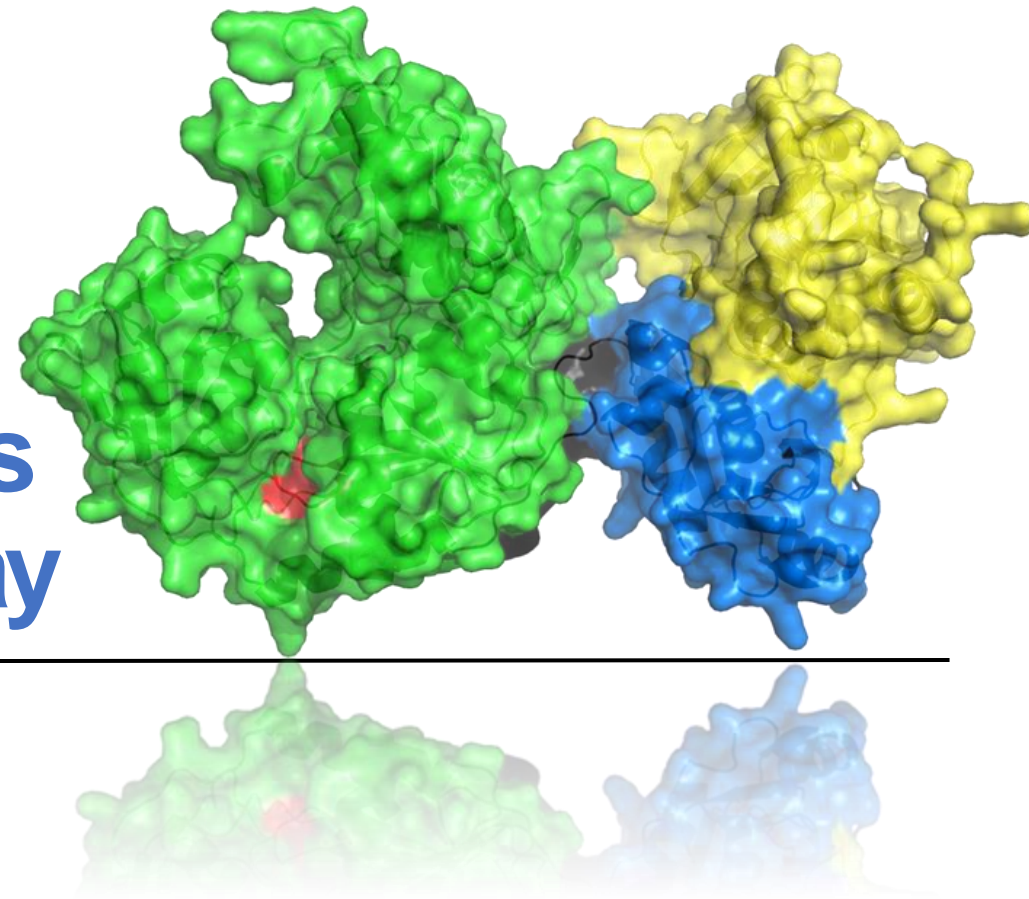
READDI EXP0209:

Alphavirus

UCL/CoreD Helicase Inhibitors

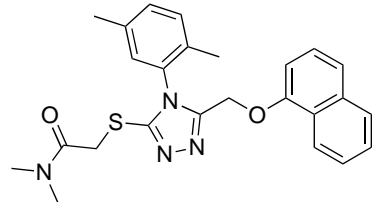
CHIKV nsP2 Unwindase Assay

- Durba Ojha
- 09/04/2024
- University of North Carolina – Chapel Hill
- Heise & Moorman Laboratories



Investigator ID	Heise-CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse-Highest concentration tested (uM)	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- %Inhibition at 200 or 22.2uM	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse- IC50(uM)	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse- HillSlope	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse-Assay interference	Heise-CHIKVnsp2Unwindase- calcRemoveDMSO-DoseResponse-Comment
RA-0189047-01	200	87.92868667	15.62	0.7975	Yes (less)	
RA-0189048-01	200	50.23895667	>200	1.347	No	
RA-0189049-01	200	99.81895333	42.79	0.8319	Yes	
RA-0189050-01	200	99.47916	54.28	1.219	Yes (less)	
RA-0189051-01	200	17.25673333	>200	20.32	No	
RA-0189052-01	200	-3.827786667	>200	0	No	

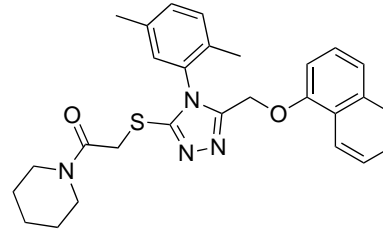
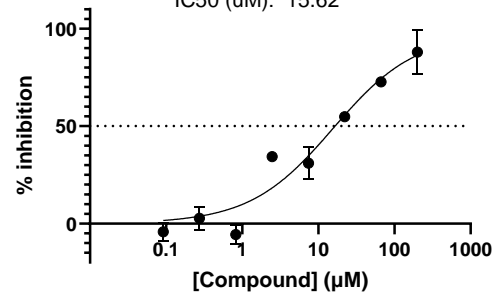
Exp-0209_CHIKV nsP2 Unwindase Assay



RA-0189047-01

RA-0189047-01 against CHIKV nsP2 Unwindase

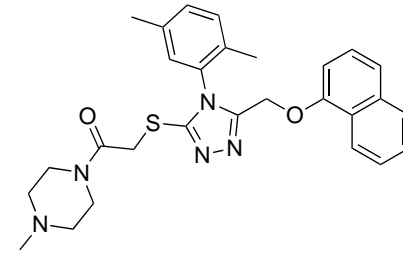
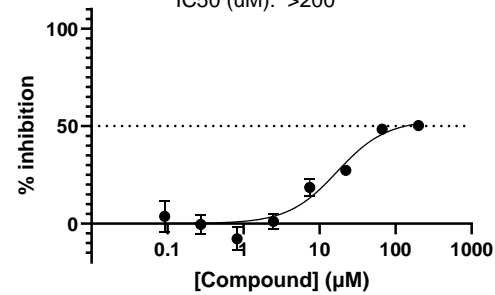
IC50 (uM): 15.62



RA-0189047-01

RA-0189048-01 against CHIKV nsP2 Unwindase

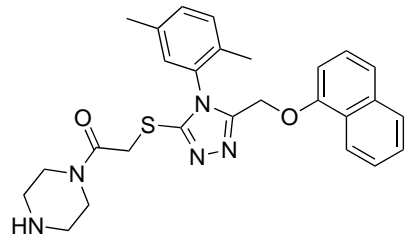
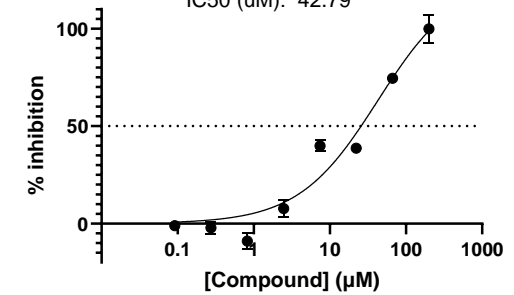
IC50 (uM): >200



RA-0189049-01

RA-0189049-01 against CHIKV nsP2 Unwindase

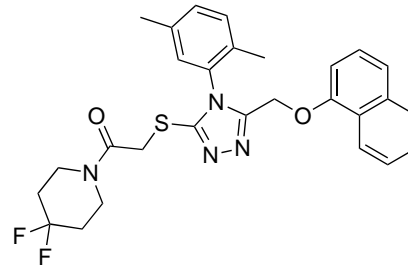
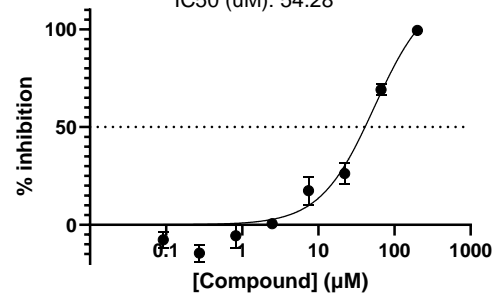
IC50 (uM): 42.79



RA-0189050-01

RA-0189050-01 against CHIKV nsP2 Unwindase

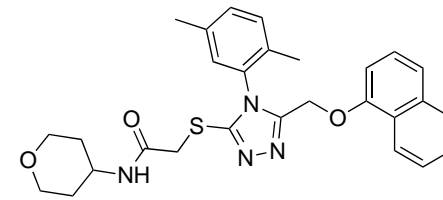
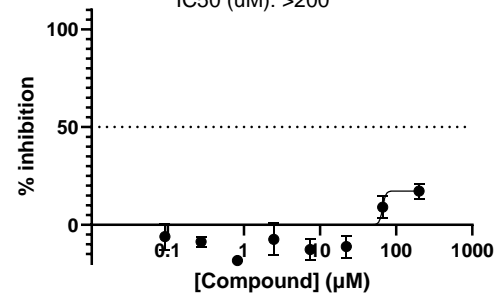
IC50 (uM): 54.28



RA-0189051-01

RA-0189051-01 against CHIKV nsP2 Unwindase

IC50 (uM): >200



RA-0189052-01

RA-0189052-01 against CHIKV nsP2 Unwindase

IC50 (uM): >200

