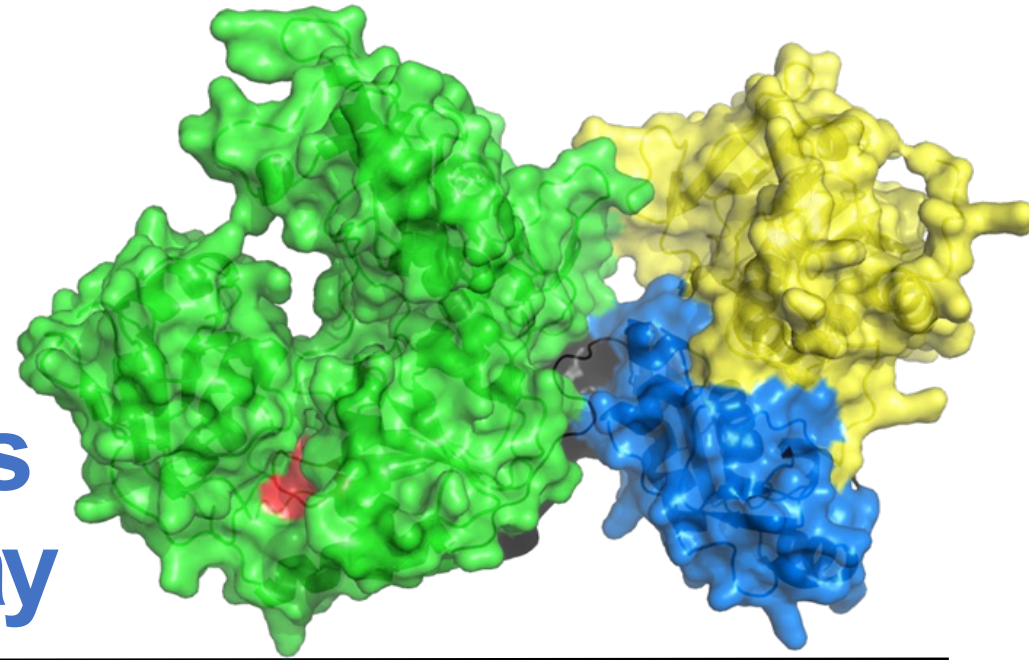


READDI EXP0185:

Alphavirus

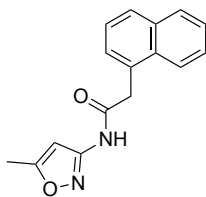
UCL/CoreD Helicase Inhibitors CHIKV nsP2 Unwindase Assay

- Durba Ojha
- 07/17/2024
- University of North Carolina – Chapel Hill
- Heise & Moorman Laboratories



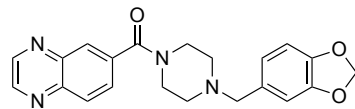
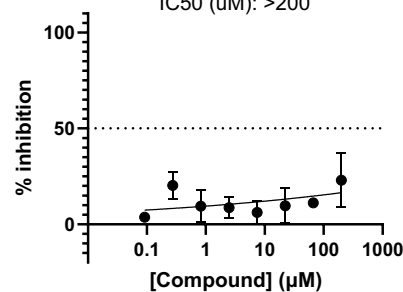
Investigator ID	Heise-CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse-Highest concentration used (uM)	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- %Inhibition at 200uM	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse- IC50(uM)	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse- HillSlope	Heise- CHIKVnsp2Unwindase- calcRemoveDMSO- DoseResponse-Assay interference	Heise- CHIKVnsp2Unwind ase- calcRemoveDMSO- DoseResponse- Comment
RA-0093052-03	200	22.93840233	>200	0.1049	Yes (less)	
RA-0111811-03	200	66.34543667	>200	0.5999	Yes	
RA-0101545-03	200	-14.7198	>200	0	No	
RA-0188675-01	200	-12.56056667	>200	0.9182	No	
RA-0112244-03	200	-6.993103333	>200	0	No	
RA-0108890-03	200	-11.81119333	>200	0	No	
RA-0110106-03	200	77.42560333	>200	0.6723	Yes (less)	
RA-0118676-03	200	25.34743	>200	18.64	No	HillSlope > 5
RA-0188627-01	200	91.45457333	>200	0.4516	Yes (less)	
RA-0188628-01	200	42.90693333	>200	0.2496	Yes (less)	
RA-0117029-03	200	10.22076667	>200	0	Yes (less)	
RA-0188629-01	200	3.807746667	>200	0	Yes (less)	
RA-0188630-01	200	31.68096333	>200	1.22	No	
RA-0188819-01	200	80.70705	>200	0.607	Yes (less)	

Exp-0185_CHIKV nsP2 Unwindase Assay



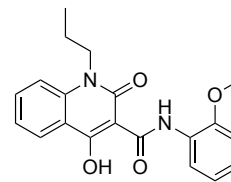
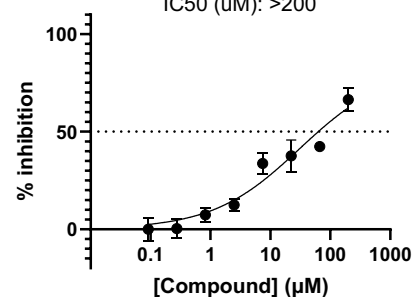
RA-0093052

RA-0093052-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



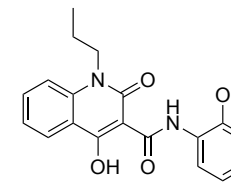
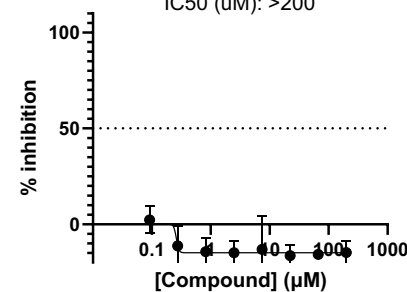
RA-0111811

RA-0111811-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



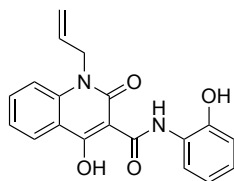
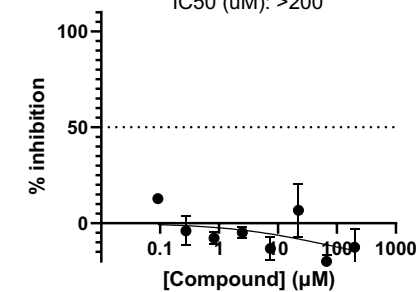
RA-0101545

RA-0101545-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



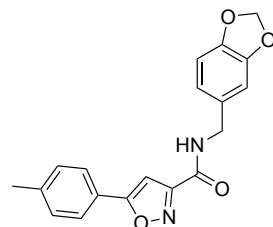
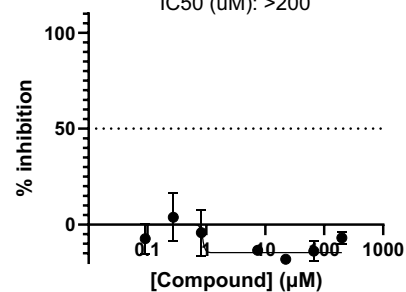
RA-0188675

RA-0188675-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



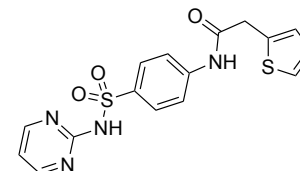
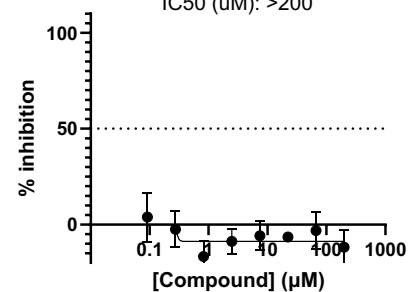
RA-0112244

RA-0112244-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



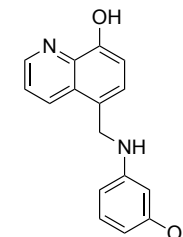
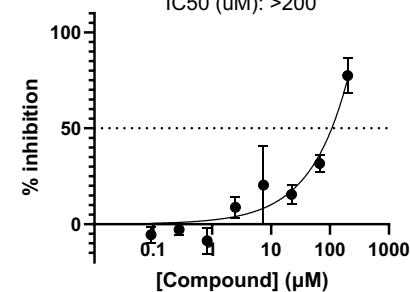
RA-0108890

RA-0108890-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



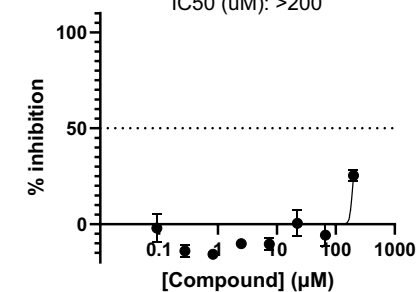
RA-0110106

RA-0110106-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200

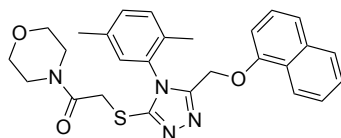


RA-0118676

RA-0118676-03 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200

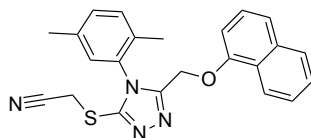
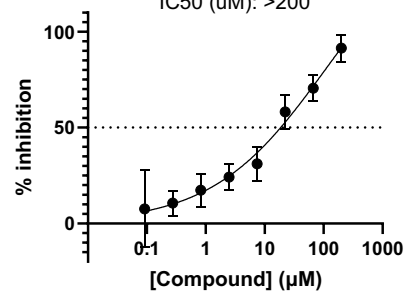


Exp-0185_CHIKV nsP2 Unwindase Assay



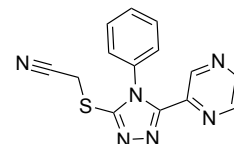
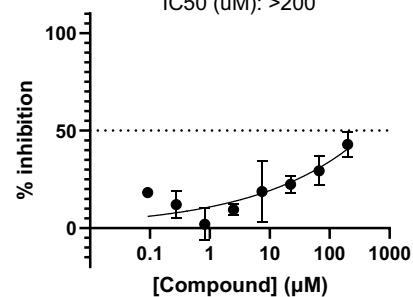
RA-0188627

RA-0188627-01 against CHIKV nsP2 Unwindase
IC50 (uM): >200



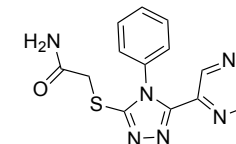
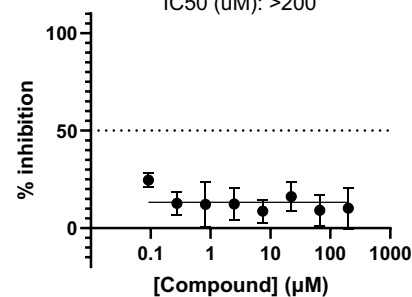
RA-0188628

RA-0188628-01 against CHIKV nsP2 Unwindase
IC50 (uM): >200



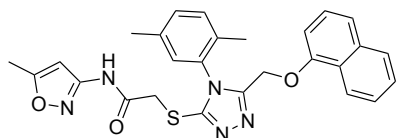
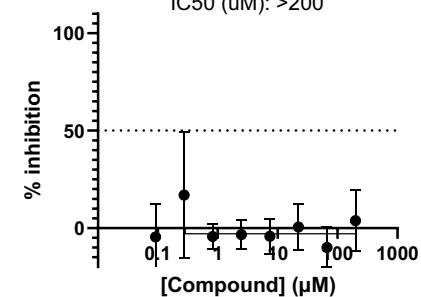
RA-0117029

RA-0117029-03 against CHIKV nsP2 Unwindase
IC50 (uM): >200



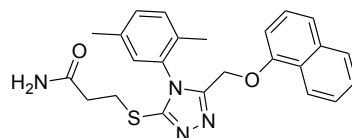
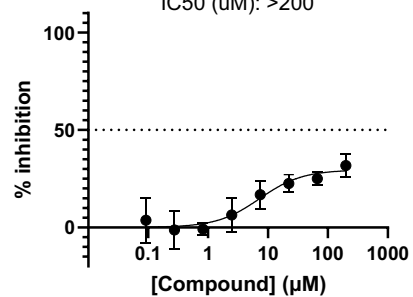
RA-0188629

RA-0188629-01 against CHIKV nsP2 Unwindase
IC50 (uM): >200



RA-0188630

RA-0188630-01 against CHIKV nsP2 Unwindase
IC50 (uM): >200



RA-0188819

RA-0188819-01 against CHIKV nsP2 Unwindase
IC50 (uM): >200

