

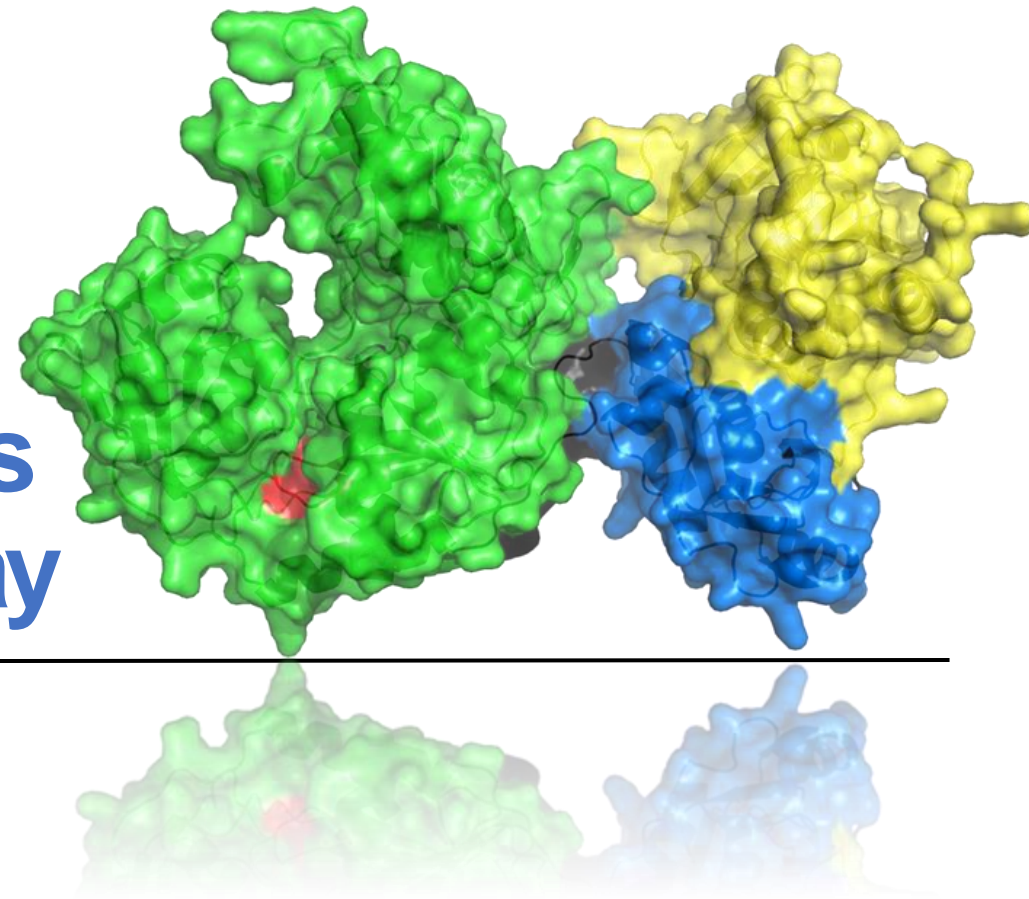
READDI EXP0236:

Alphavirus

UCL/CoreD Helicase Inhibitors

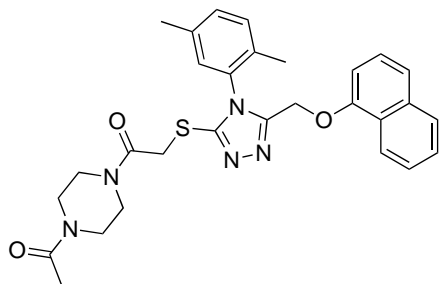
CHIKV nsP2 Unwindase Assay

- Durba Ojha
- 11/26/2024
- 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 uM	Heise-CHIKVnsp2Unwindase-calcRemoveDMSO-DoseResponse-IC50(uM)	Heise-CHIKVnsp2Unwindase-calcRemoveDMSO-DoseResponse-HillSlope	Heise-CHIKVnsp2Unwindase-calcRemoveDMSO-DoseResponse-Assay interference	Heise-CHIKVnsp2Unwindase-calcRemoveDMSO-DoseResponse-Comment
RA-0204953-01	200	86.36	17.51	1.104	Yes (less)	
RA-0189047-02	200	82.75	19.25	1.004	No	
RA-0189049-02	200	92.07	4.589	1.465	Yes (less)	
RA-0204954-01	200	23.99	>200	0.536	No	
RA-0204955-01	200	100.04	>200	0.7093	Yes	
RA-0204956-01	200	18.00	>200	1.134	No	
RA-0204957-01	200	70.91	>200	1.448	No	
RA-0204958-01	200	49.88	>200	0.861	No	
RA-0204959-01	200	58.60	>200	2.095	No	
RA-0204960-01	200	20.21	>200	13.25	No	
RA-0204962-01	200	17.29	>200	2.588	No	
RA-0189074-01	200	55.52	>200	1.328	No	
RA-0189073-01	200	29.82	>200	0.5833	No	
RA-0189063-01	200	53.42	>200	1.197	No	

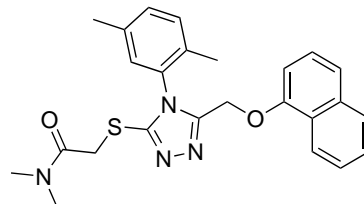
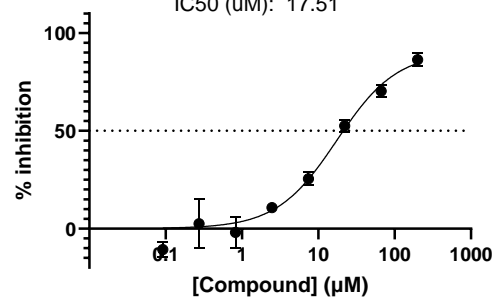
Exp-0236_CHIKV nsP2 ADP-Glo Assay



RA-0204953-01

RA-0204953-01 against CHIKV nsP2 Unwindase

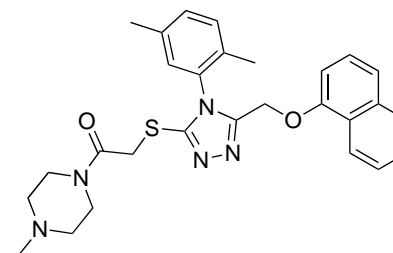
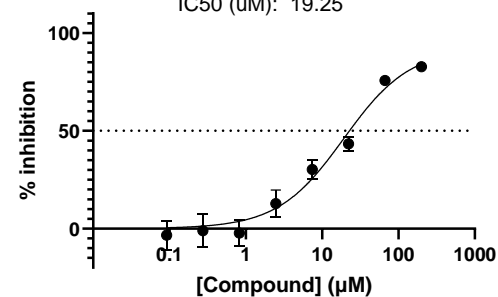
IC₅₀ (uM): 17.51



RA-0189047-02

RA-0189047-02 against CHIKV nsP2 Unwindase

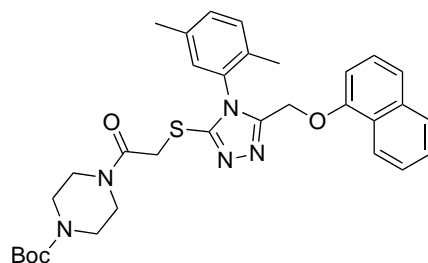
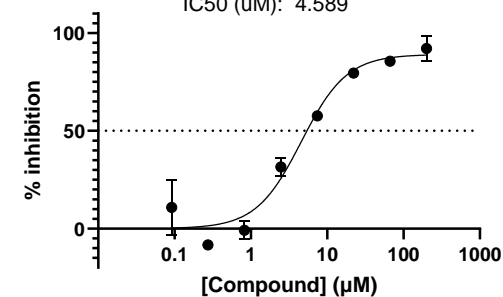
IC₅₀ (uM): 19.25



RA-0189049-02

RA-0189049-02 against CHIKV nsP2 Unwindase

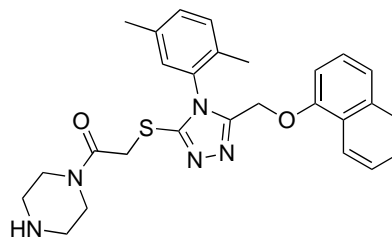
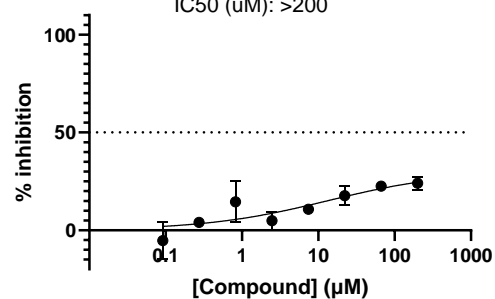
IC₅₀ (uM): 4.589



RA-0204954-01

RA-0204954-01 against CHIKV nsP2 Unwindase

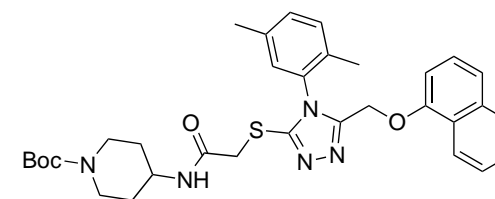
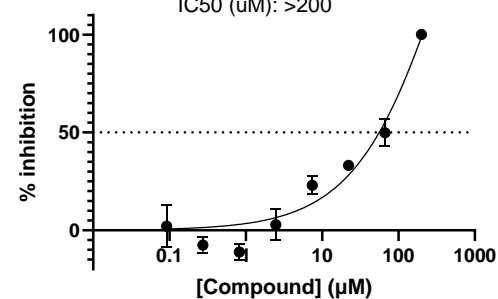
IC₅₀ (uM): >200



RA-0204955-01

RA-0204955-01 against CHIKV nsP2 Unwindase

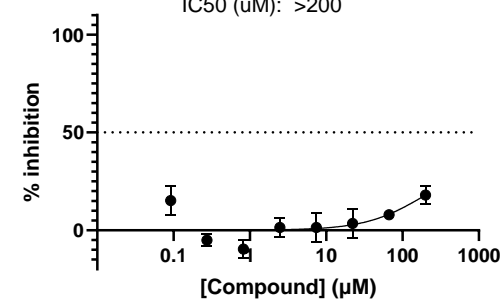
IC₅₀ (uM): >200



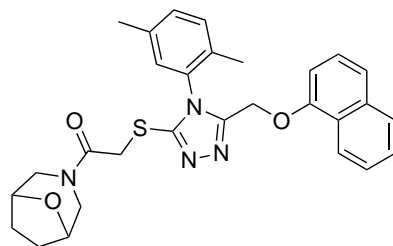
RA-0204956-01

RA-0204956-01 against CHIKV nsP2 Unwindase

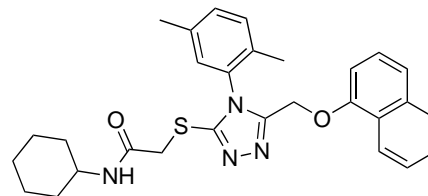
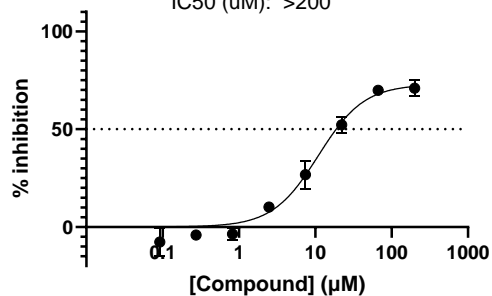
IC₅₀ (uM): >200



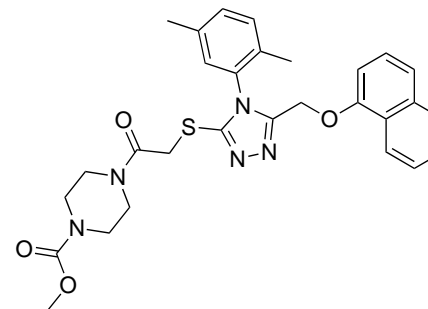
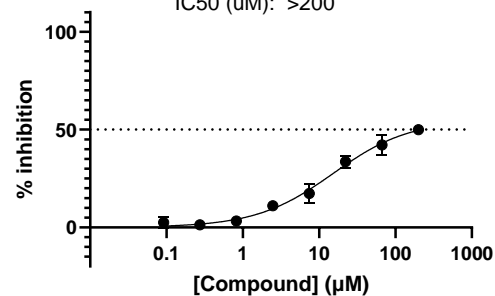
Exp-0236_CHIKV nsP2 ADP-Glo Assay



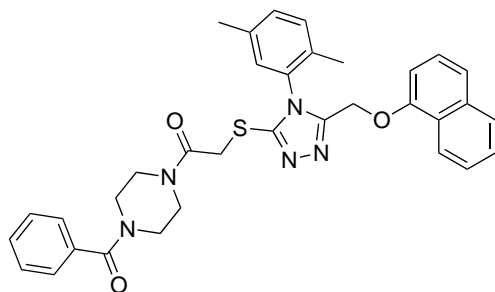
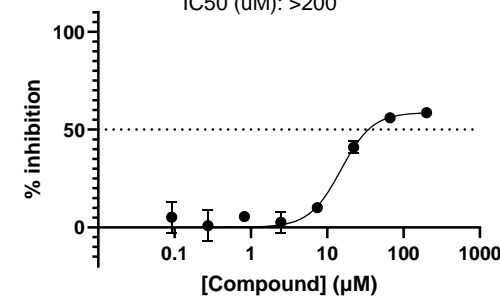
RA-0204957-01
RA-0204957-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



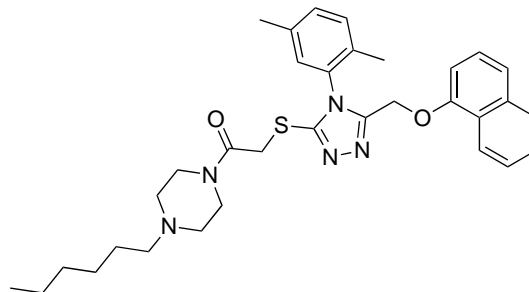
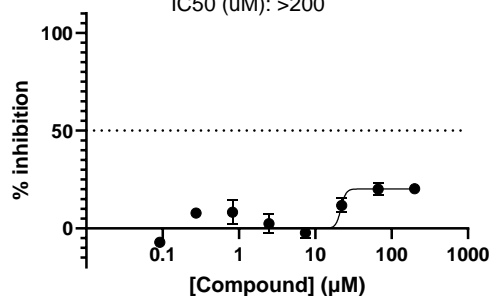
RA-0204958-01
RA-0204958-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



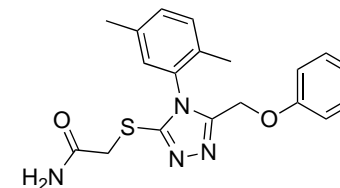
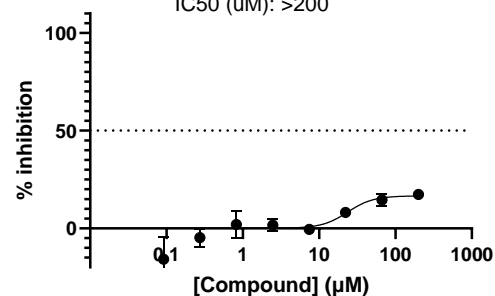
RA-0204959-01
RA-0204959-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



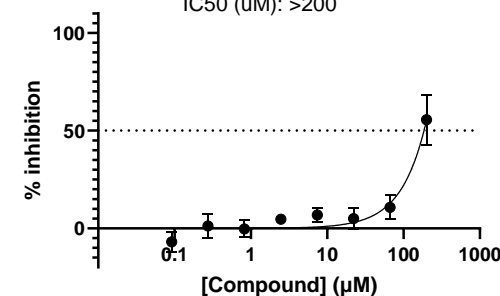
RA-0204960-01
RA-0204960-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



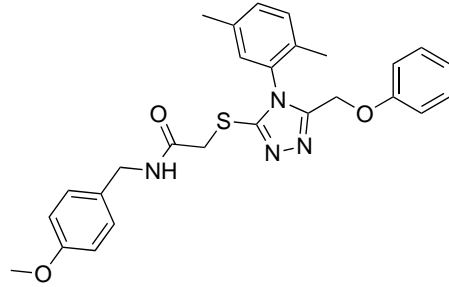
RA-0204962-01
RA-0204962-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



RA-0189074-01
RA-0189074-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200

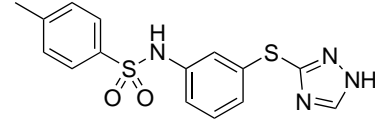
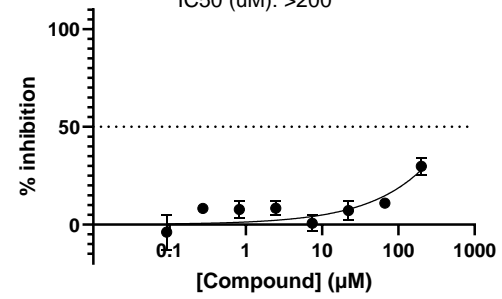


Exp-0236_CHIKV nsP2 ADP-Glo Assay



RA-0189073-01

RA-0189073-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200



RA-0189063-01

RA-0189063-01 against CHIKV nsP2 Unwindase
IC₅₀ (uM): >200

