

READDI EXP0169:

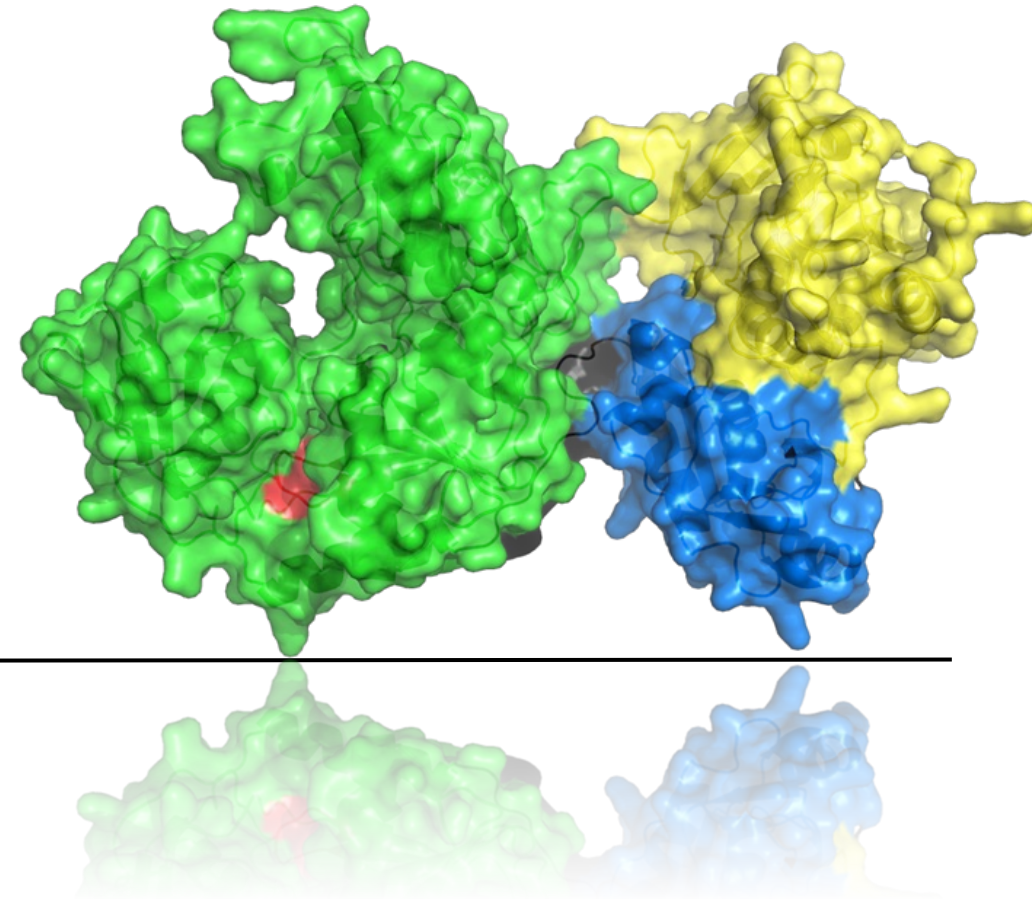
AViDD Project 5

CHIKV and VEEV antiviral and Viability Assay

Jane E. Burdick

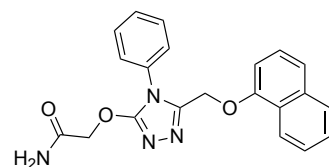
6/14/2024

University of North Carolina – Chapel Hill
Department of Genetics– Heise Laboratory

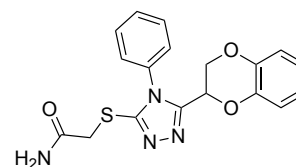
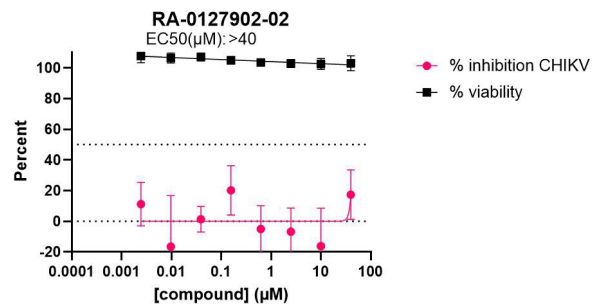


Investigator ID	Highest concentration tested (μM)	Heise-CHIKV181/25nLucMRC5sAntiviral-%Inhibition at 40μM	Heise-CHIKV181/25nLucMRC5sAntiviral-DoseResponse-EC50(μM)	Heise-CHIKV181/25nLucMRC5sAntiviral-DoseResponse-HillSlope	Heise-CHIKV181/25nLucMRC5sAntiviral-Comment	Heise-VEEVTC83nLucMRC5sAntiviral-%Inhibition at 40μM	Heise-VEEVTC83nLucMRC5sAntiviral-DoseResponse-EC50(μM)	Heise-VEEVTC83nLucMRC5sAntiviral-DoseResponse-HillSlope	Heise-VEEVTC83nLucMRC5sAntiviral-Comment	Heise-CellTiterGlo2.0MRC5s-%Viability at 40μM	Heise-CellTiterGlo2.0MRC5s-6h-DoseResponse-CC50(μM)	Heise-CellTiterGlo2.0MRC5s-6h-DoseResponse-HillSlope
RA-0127902-02	40	17.27	>40	11.64	HillSlope > 5	80.44	16.29	1.863		103.03	>40	-0.009029
RA-0188309-01	40	19.02	>40	-9999	Hill Slope could not be calculated, shown as '-9999'	43.38	>40	10.98	HillSlope > 5	100.52	>40	-0.01058
RA-0188310-01	40	10.39	>40	-9999	Hill Slope could not be calculated, shown as '-9999'	45.67	>40	13.95	HillSlope > 5	100.68	>40	-0.3017
RA-0188311-01	40	1.03	>40	9.325	HillSlope > 5	36.92	>40	11.38	HillSlope > 5	98.83	>40	-0.2933
RA-0188312-01	40	-3.28	>40	0		29.51	>40	11.76	HillSlope > 5	98.54	>40	-0.002569
RA-0188313-01	40	2.34	>40	-9999	Hill Slope could not be calculated, shown as '-9999'	25.01	>40	13.79	HillSlope > 5	98.81	>40	-0.001064
RA-0188314-01	40	60.20	>40	1.059		42.19	>40	7.074	HillSlope > 5	98.10	>40	-0.7174
RA-0188316-01	40	25.73	>40	11.11	HillSlope > 5	29.43	>40	0.06813		95.25	>40	-0.001619

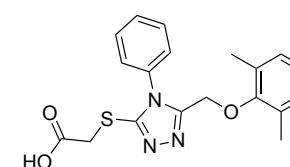
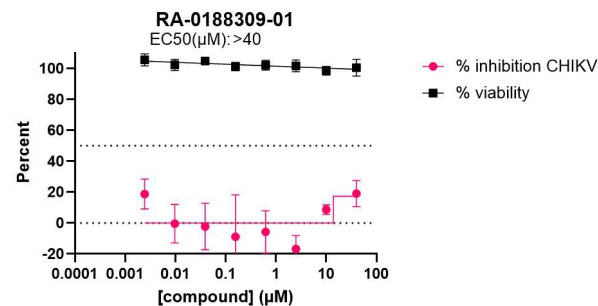
Exp0169_% Inhibition CHIKV 181/25 nLuc, 6hpi_% Viability, 7hrs



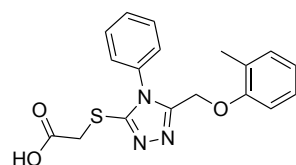
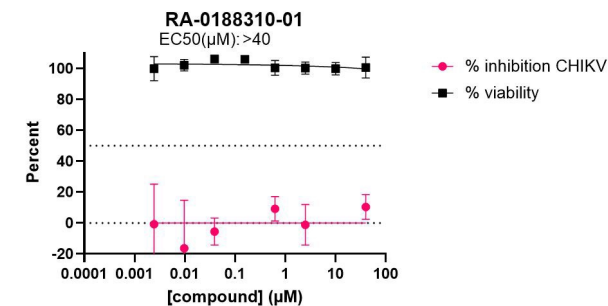
RA-0127902



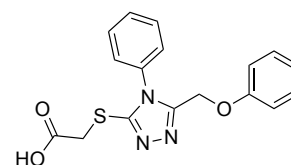
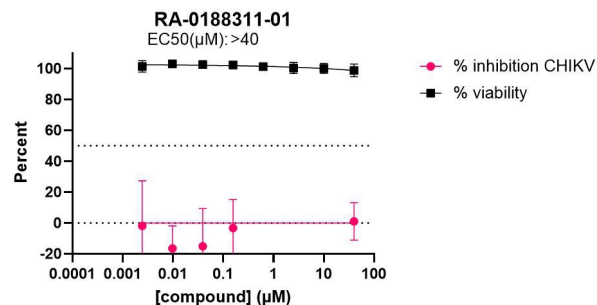
RA-0188309



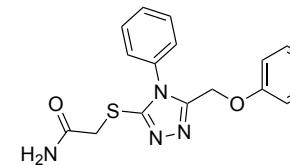
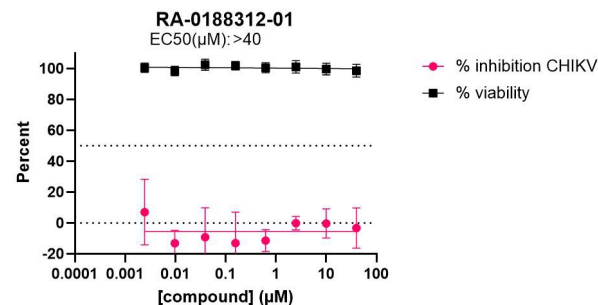
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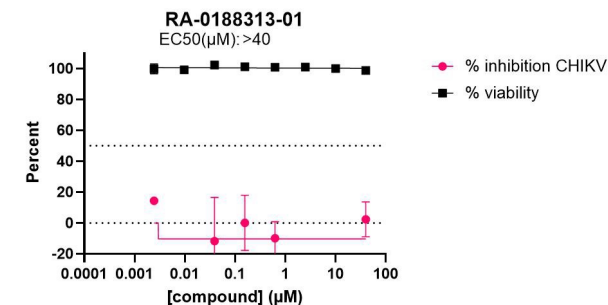
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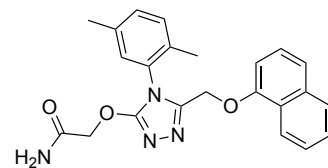
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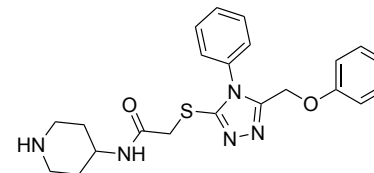
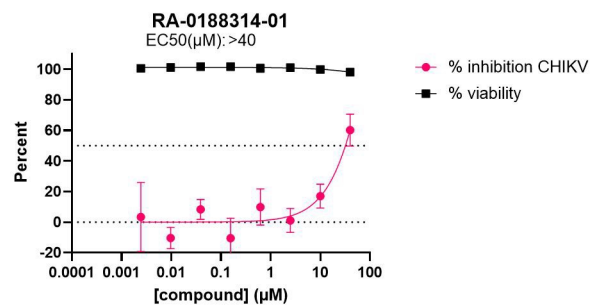
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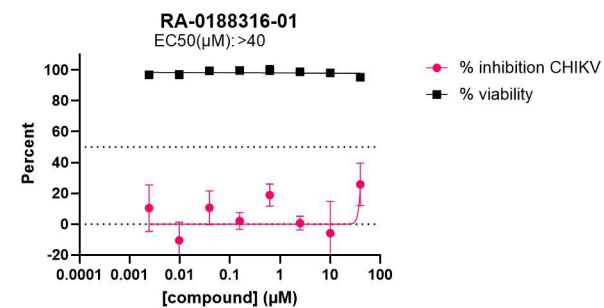
Exp0169_% Inhibition CHIKV 181/25 nLuc, 6hpi_% Viability, 7hrs



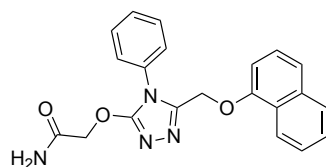
RA-0188314



RA-0188316



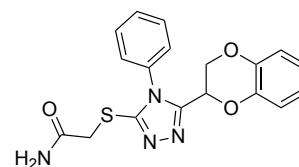
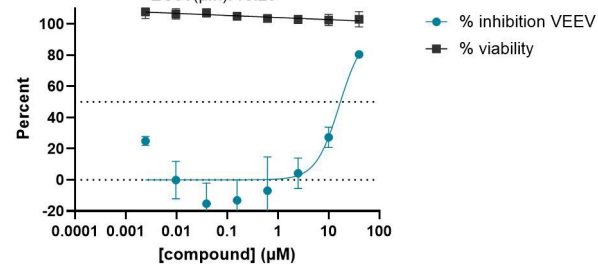
Exp0169_% Inhibition VEEV TC83 nLuc, 6hpi_% Viability, 7hrs



RA-0127902

RA-0127902-02

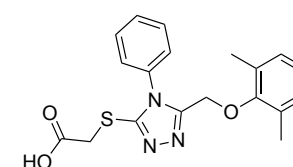
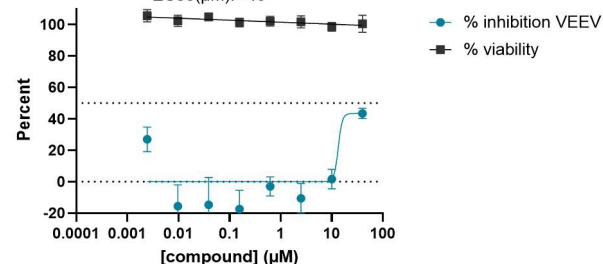
EC50(μ M): 16.29



RA-0188309

RA-0188309-01

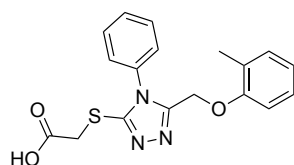
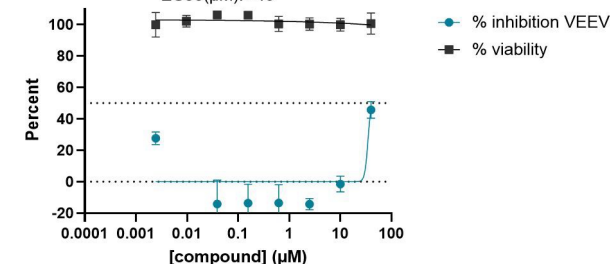
EC50(μ M): >40



RA-0188310

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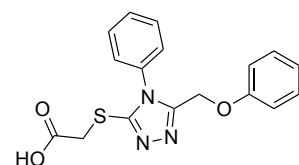
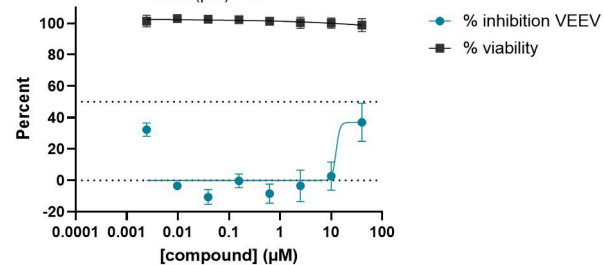
EC50(μ M): >40



RA-0188311

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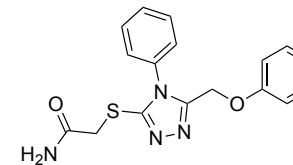
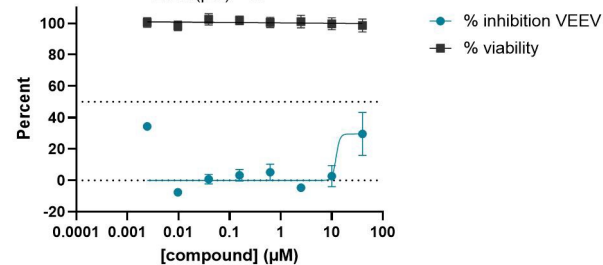
EC50(μ M): >40



RA-0188312

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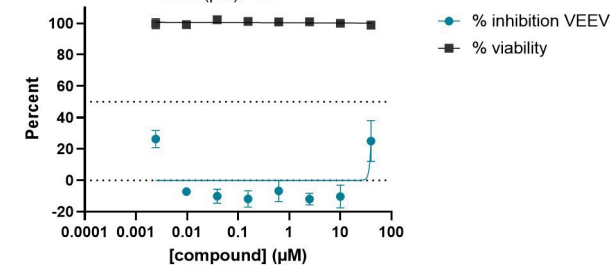
EC50(μ M): >40



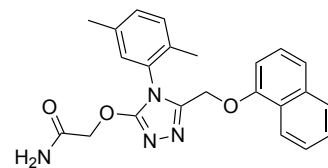
RA-0188313

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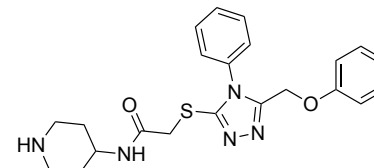
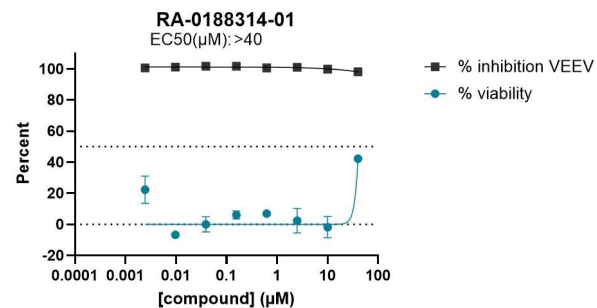
EC50(μ M): >40



Exp0169_% Inhibition VEEV TC83 nLuc, 6hpi_% Viability, 7hrs



RA-0188314



RA-0188316

