Antiviral and Cytotoxic Activity of Different Plant Parts of Banana (*Musa* spp.)

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Supplementary material II

Figure S2: Antiviral activity of extracts against Chikungunya virus. Extracts (primary code) tested mentioned under the header compounds in each panel. EC_{50} = 50% Effective Concentration (concentration at which 50% inhibition of virus replication is observed); EC_{90} = 90% Effective Concentration (concentration at which 90% inhibition of virus replication is observed); CC_{50} = 50% Cytostatic/Cytotoxic Concentration (concentration at which 50% adverse effect is observed on Vero cells in parallel with antiviral assay); SI = Selectivity Index (CC_{50}/EC_{50}); SS = Selectivity Surface (integrated surface delineated by the EC_{50} curve, the CC_{50} curve and the 50% horizontal); TI = Therapeutic Index (SS × 10logSI); AV-Antiviral; AM-Antimetabolic.

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0001	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
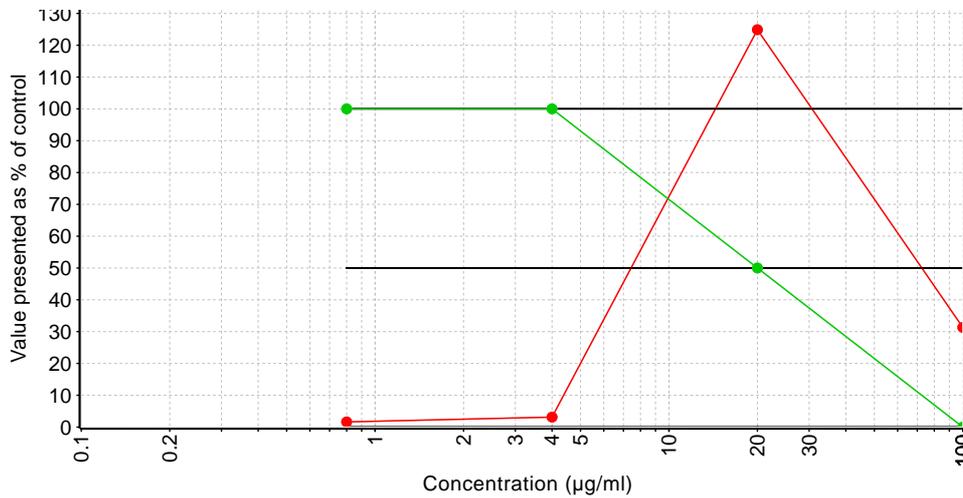
CC50 =	20
EC50 =	7.43
EC90	
SI =	2.69
SS =	4.69
TI =	2.01
Max %	71.80
[] Max	13
Approved AV	1
Interesting AV	0
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● Anti-Viral
● Anti-Metabolic

[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	= 46.3	= 7.43	= 12.6
Med.Abs.Dev.	26.3		
Mean	= 46.3	= 7.43	= 12.6
Stdev.	37.1		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0002	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	= 54.7
EC50	
EC90	
SI	
SS	0
TI	
Max %	50.00
[] Max	54.7
Approved AV	1
Interesting AV	0
Page	2 / 96
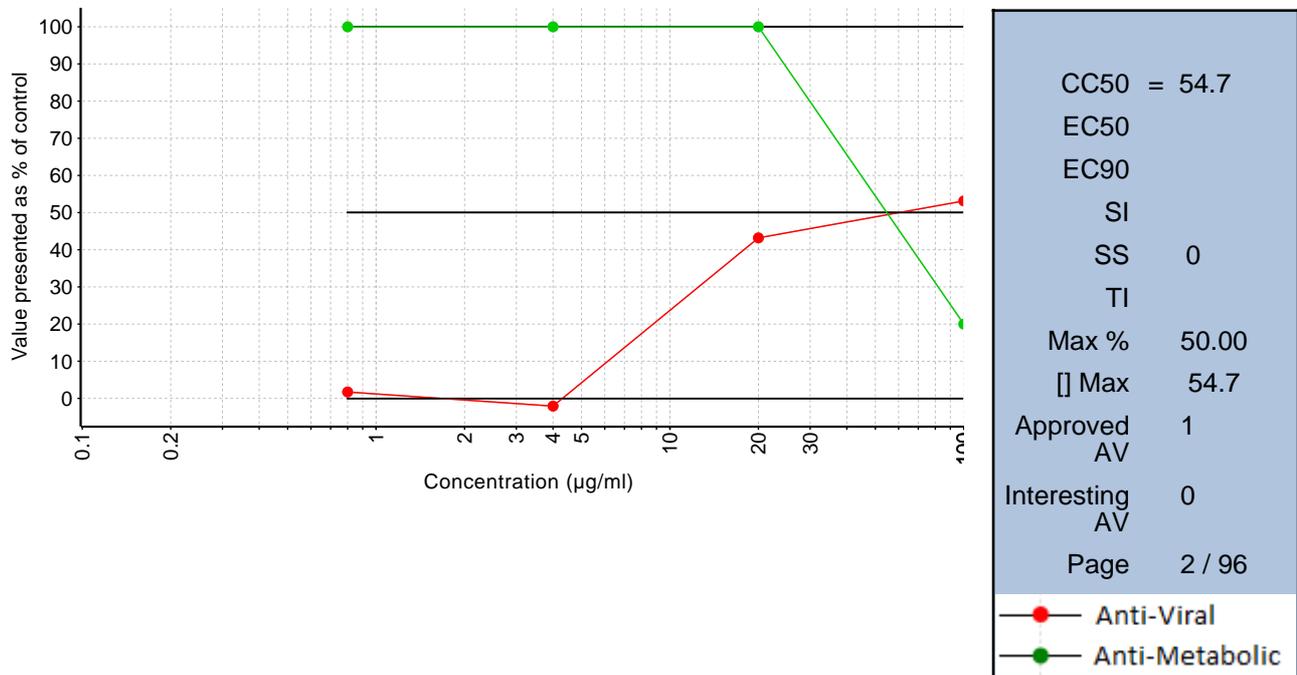
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 54.7	= 60.2	> 100
Med.Abs.Dev.			
Mean	= 54.7	= 60.2	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0003	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 100
EC50 = 36.3
EC90
SI = 2.76
SS = 5.13
TI = 2.26
Max % 73.30
[] Max 62.7
Approved AV 1
Interesting AV 0
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Anti-Viral
Anti-Metabolic
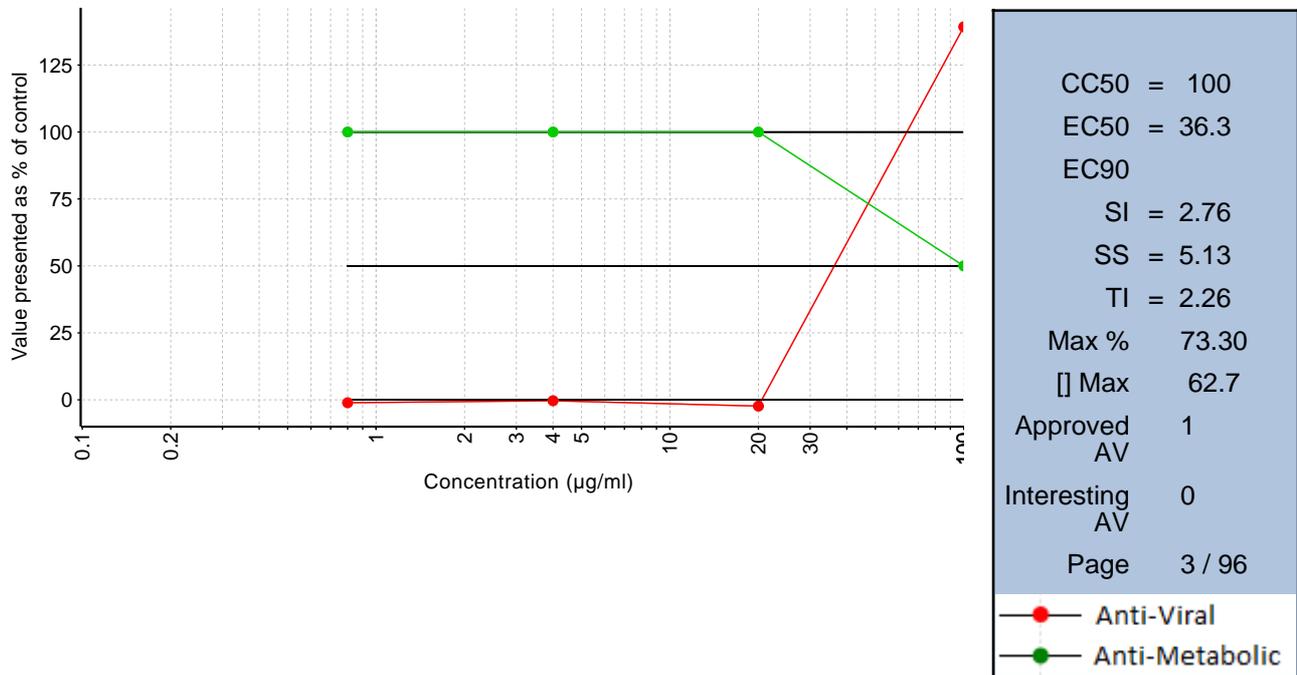
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 100	= 36.3	= 57.1
Med.Abs.Dev.			
Mean	= 100	= 36.3	= 57.1
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0004	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
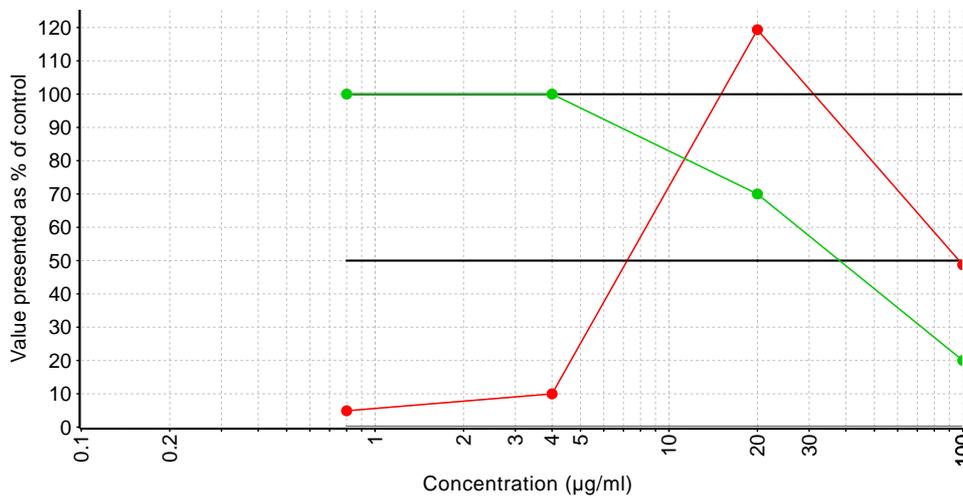
CC50 = 38.1

EC50 = 7.21

EC90

SI = 5.28

SS = 11

TI = 7.97

Max % 80.62

[] Max 14.3

Approved AV 1

Interesting AV 0

Anti-Viral

Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 67.6	= 7.21	= 13
Med.Abs.Dev.	29.5		
Mean	= 67.6	= 7.21	= 13
Stdev.	41.8		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0005	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 54.7
EC50 = 49.6
EC90
SI = 1.1
SS = 0.062
TI = 0.00264
Max % 51.25
[] Max 68.8
Approved AV 1
Interesting AV 0
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Anti-Viral
Anti-Metabolic
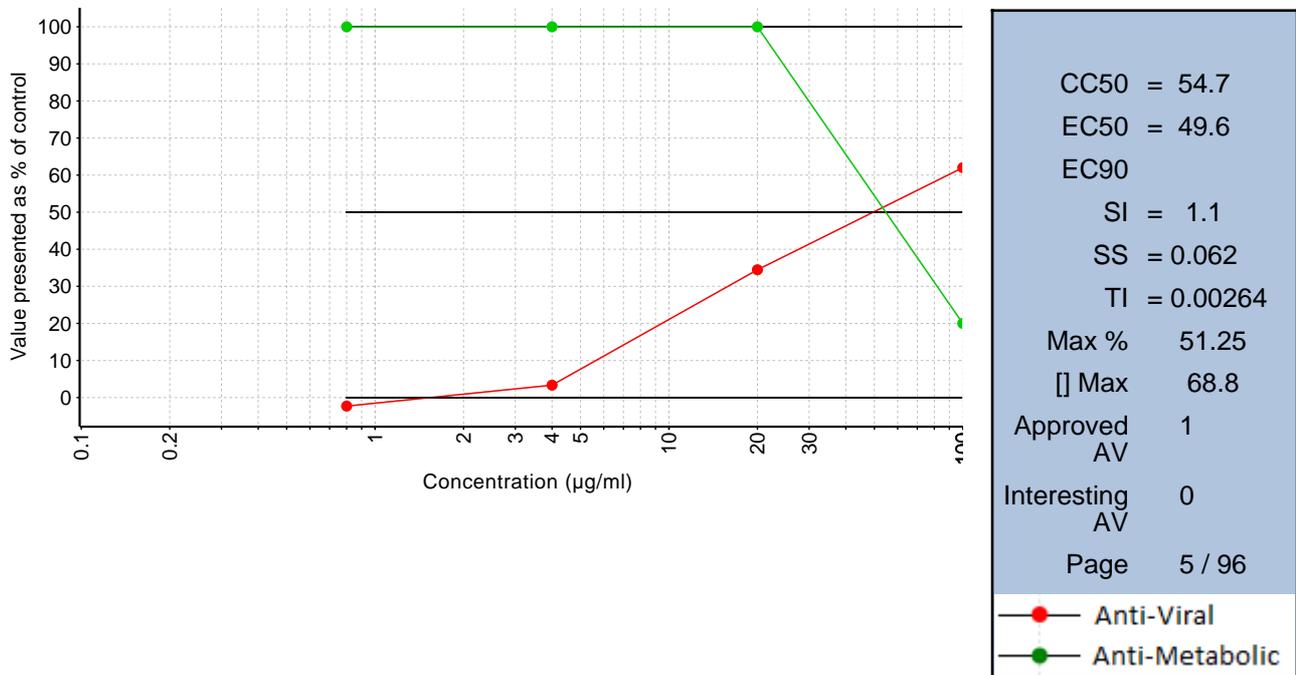
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 54.7	= 49.6	> 100
Med.Abs.Dev.			
Mean	= 54.7	= 49.6	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0006	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	= 100
EC50	= 38.9
EC90	
SI	= 2.57
SS	= 4.31
TI	= 1.77
Max %	70.99
[] Max	66.4
Approved AV	1
Interesting AV	0
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Anti-Viral
Anti-Metabolic
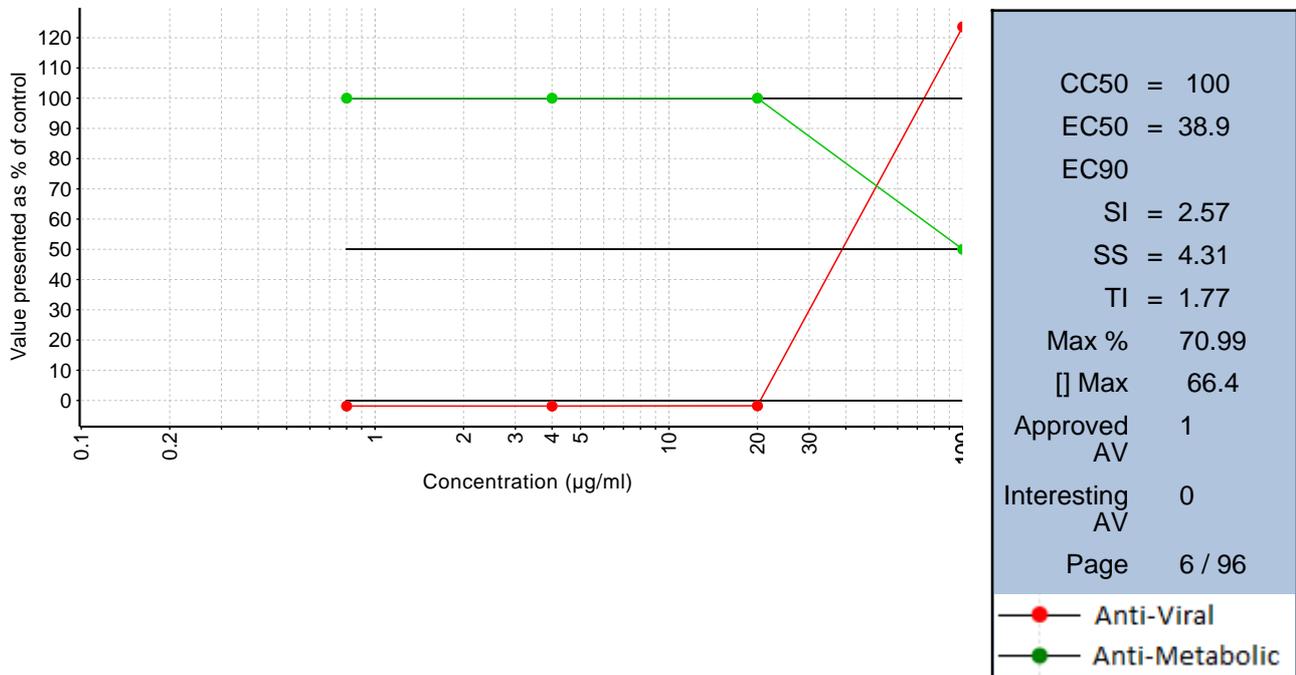
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	= 100	= 38.9	= 65
Med.Abs.Dev.			
Mean	= 100	= 38.9	= 65
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0007	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	= 63.1
EC50	= 6.27
EC90	= 15.8
SI	= 10.1
SS	= 25.3
TI	= 25.4
Max %	100.00
[] Max	19.9
Approved AV	1
Interesting AV	0
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Anti-Viral
Anti-Metabolic
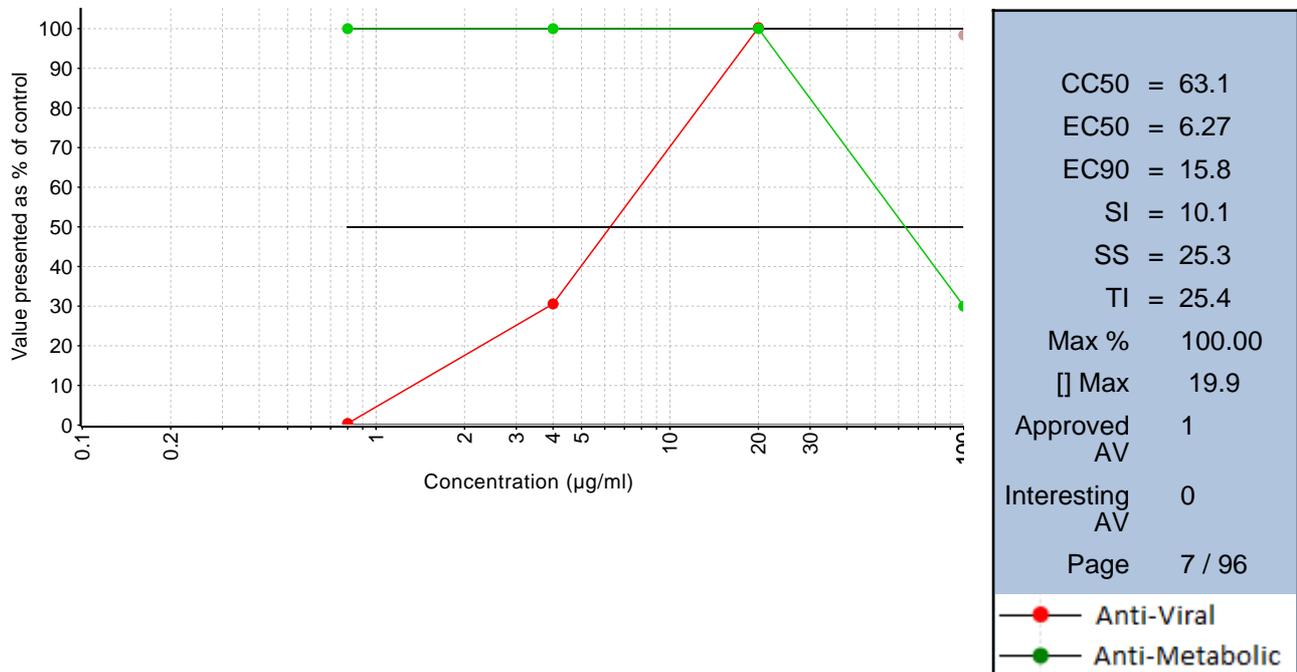
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	= 63.1	= 6.27	= 15.8
Med.Abs.Dev.			
Mean	= 63.1	= 6.27	= 15.8
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0008	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 63.1

EC50 = 40.3

EC90

SI = 1.57

SS = 0.0934

TI = 0.0183

Max % 59.77

[] Max 66

Approved AV 1

Interesting AV 0

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—●— Anti-Viral
—●— Anti-Metabolic
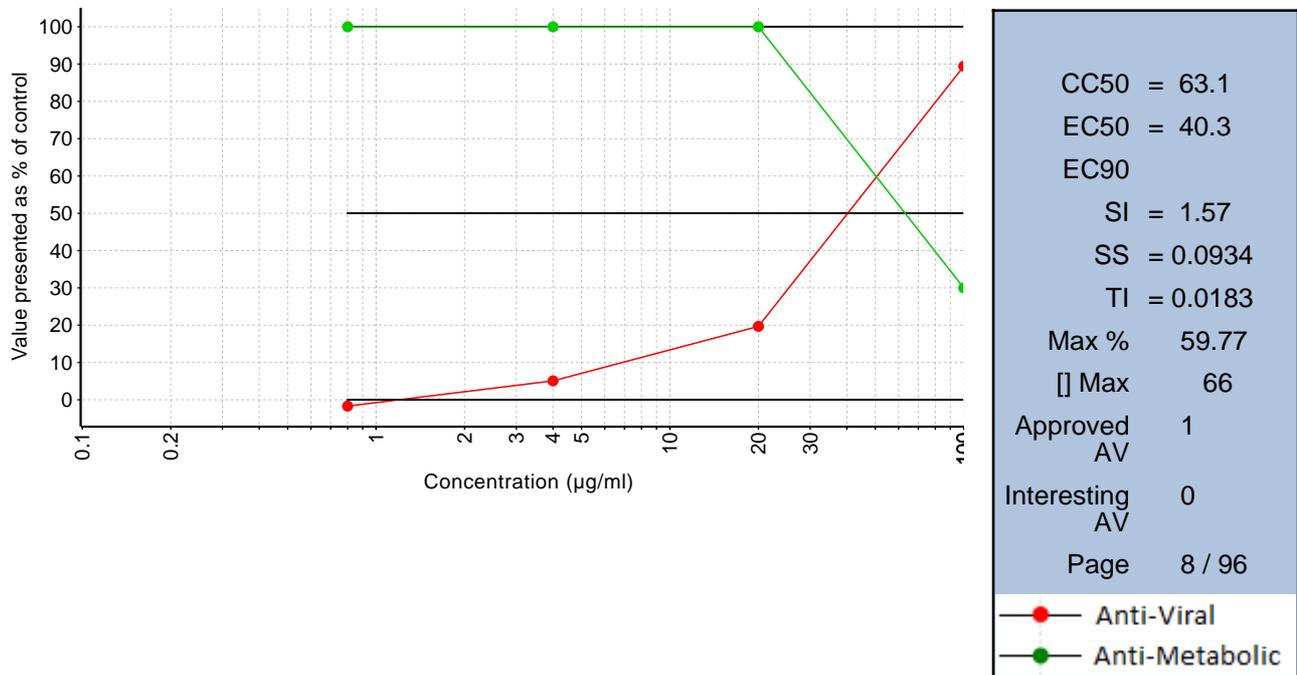
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 63.1	= 40.3	> 100
Med.Abs.Dev.			
Mean	= 63.1	= 40.3	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0009	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	> 100
EC50	= 93
EC90	> 100
SI	> 1.07
SS	> 0.0365
TI	> 0.00114
Max %	52.33
[] Max	100
Approved AV	1
Interesting AV	0
Page	9 / 96
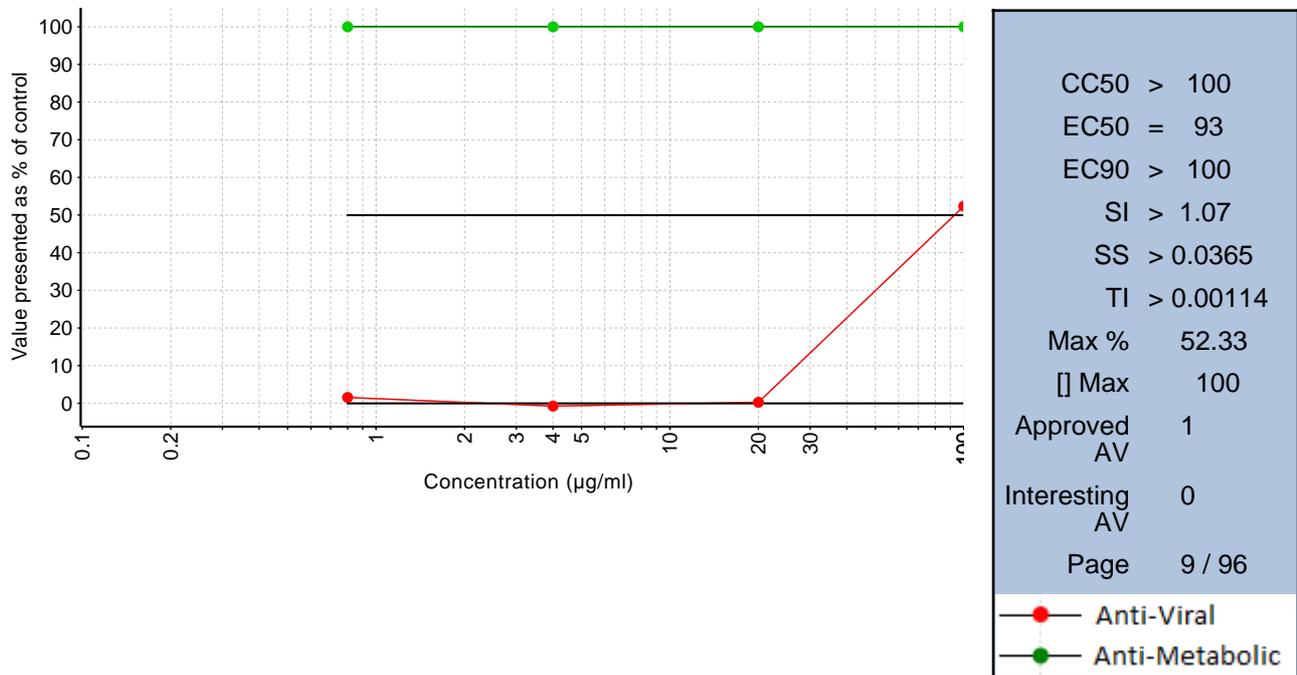
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 93	> 100
Med.Abs.Dev.			
Mean	> 100	= 93	> 100
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0010	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 37.5
EC90
SI > 2.67
SS > 6.4
TI > 2.72
Max % 76.08
[] Max 67.8
Approved AV 1
Interesting AV 0
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— Anti-Viral
— Anti-Metabolic
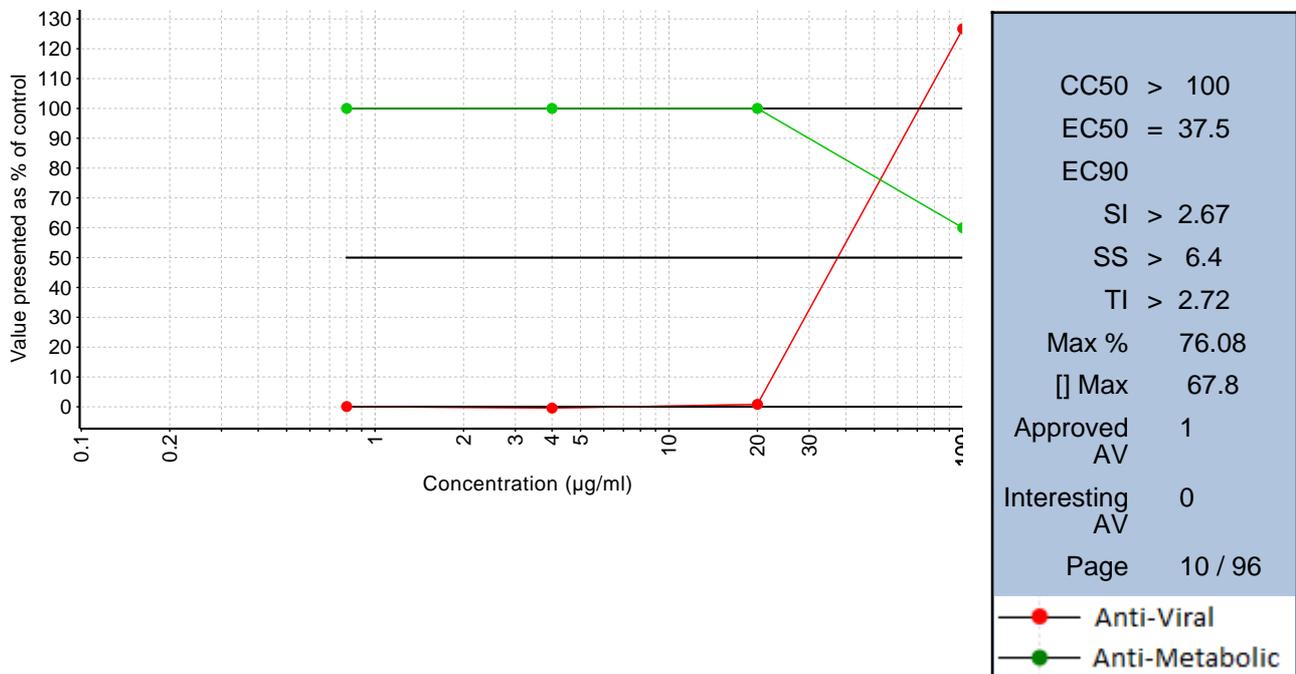
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 37.5	= 62.6
Med.Abs.Dev.			
Mean	> 100	= 37.5	= 62.6
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0011	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Summary panel:
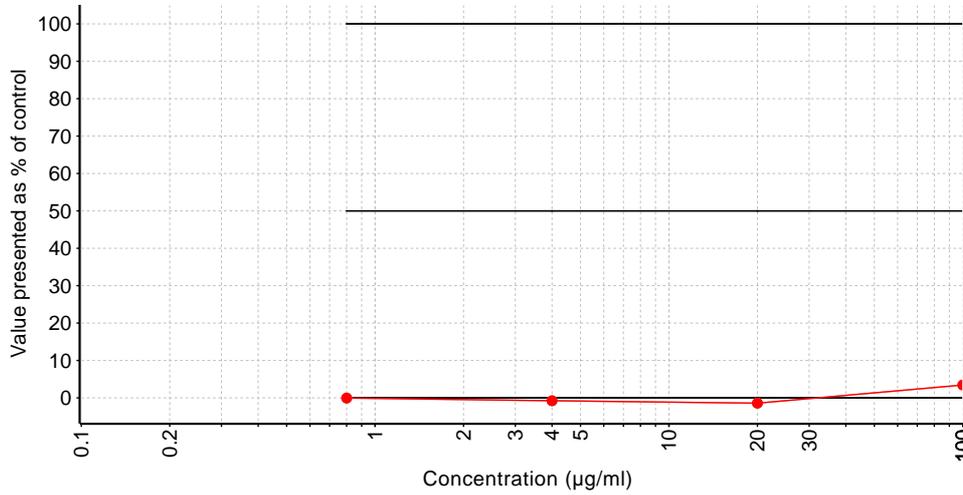
$CC50_{av}$
$EC50 > 100$
$EC90 > 100$
SI_{av}
SS_{av}
TI_{av}
Max %   3.43
[] Max   100
Approved AV   1
Interesting AV   0
Page   11 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0012	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Chart axis labels:
- Y-axis: Value presented as % of control
- X-axis: Concentration (µg/ml)
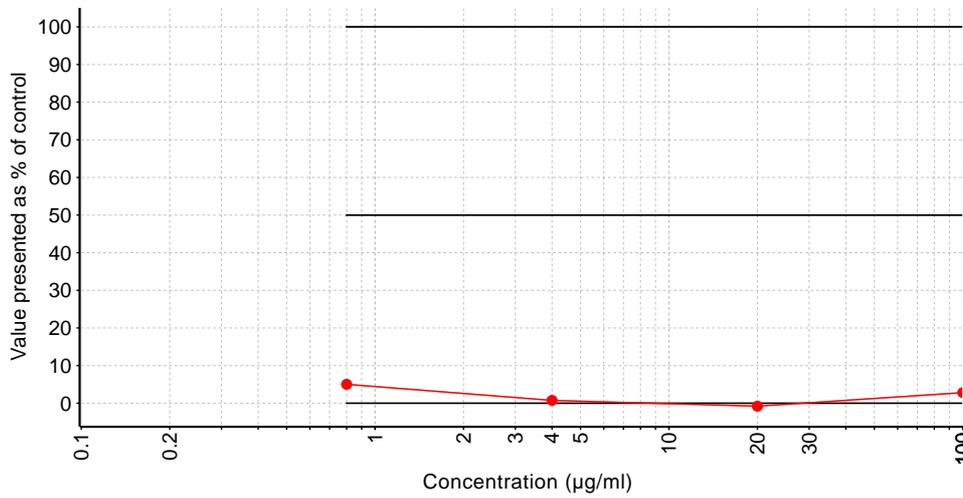
$CC50_{av}$	
EC50 >	100
EC90 >	100
SI_{av}	
SS_{av}	
TI_{av}	
Max %	5.02
[] Max	0.8
Approved AV	1
Interesting AV	0
Page	12 / 96

— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_00 13	Chikun gunya virus	No Type	899	Vero	A	Absorb ance	MTS - 498nm	Microsc opy	Tox scoring

Needs more data.

CC50 = 44.7
EC50 = 7.29
EC90 = 16.1
SI = 6.13
SS = 19.8
TI = 15.6
Max % 100.00
[] Max 19.8
Approved AV 1
Interesting AV 1
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— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 45.6	= 7.29	= 16.1
Med.Abs.Dev.	0.847		
Mean	= 45.6	= 7.29	= 16.1
Stdev.	1.2		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0014	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	> 100
EC50	= 46.2
EC90	= 89
SI	> 2.16
SS	> 7.89
TI	> 2.64
Max %	97.10
[] Max	100
Approved AV	1
Interesting AV	0
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Anti-Viral
Anti-Metabolic
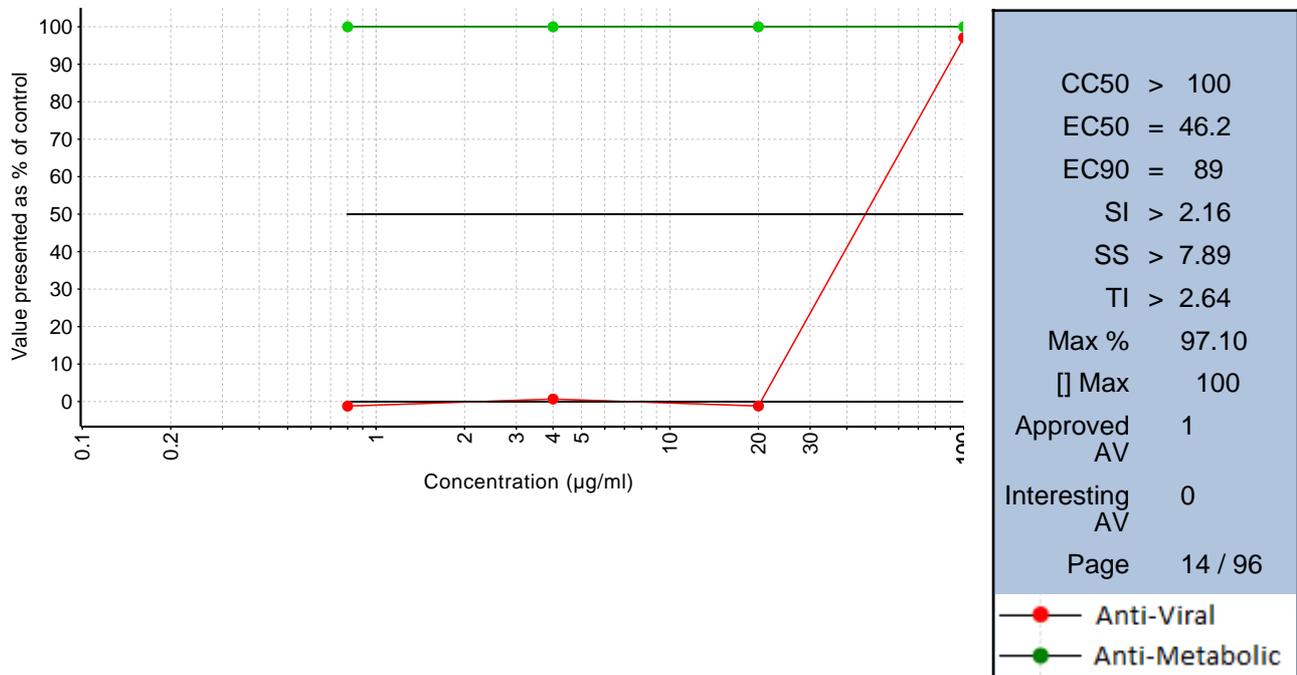
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 46.2	= 89
Med.Abs.Dev.			
Mean	> 100	= 46.2	= 89
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0015	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 63.1
EC50 = 17.8
EC90
SI = 3.55
SS = 4.91
TI = 2.7
Max % 65.38
[] Max 59.6
Approved AV 1
Interesting AV 0
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— Anti-Viral
— Anti-Metabolic
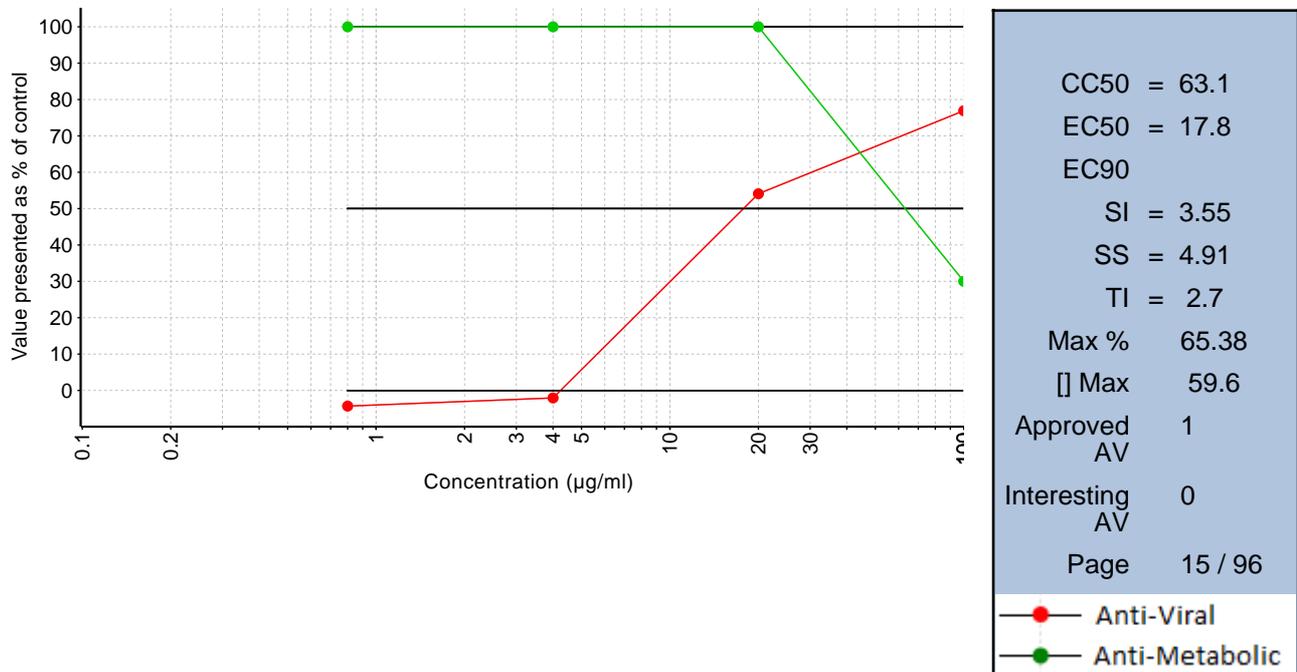
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 63.1	= 17.8	> 100
Med.Abs.Dev.			
Mean	= 63.1	= 17.8	> 100
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0016	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
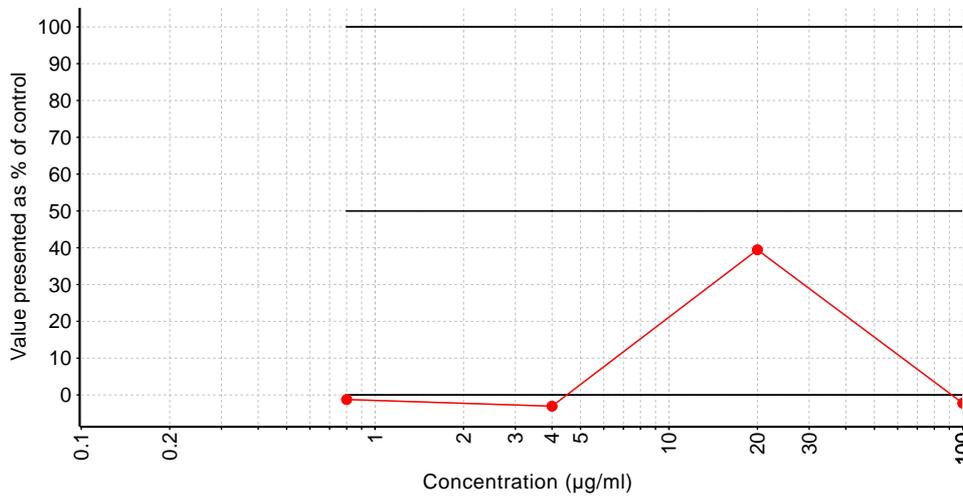
$CC50_{av}$	
EC50	
EC90	
SI_{av}	
SS_{av}	
TI_{av}	
Max %	39.43
[] Max	20
Approved AV	1
Interesting AV	0
Page	16 / 96

— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median			
Med.Abs.Dev.			
Mean			
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0017	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 39.7
EC90 = 67
SI > 2.52
SS > 11.6
TI > 4.65
Max % 100.00
[] Max 86.6
Approved AV 1
Interesting AV 0

— ● — Anti-Viral
— ● — Anti-Metabolic
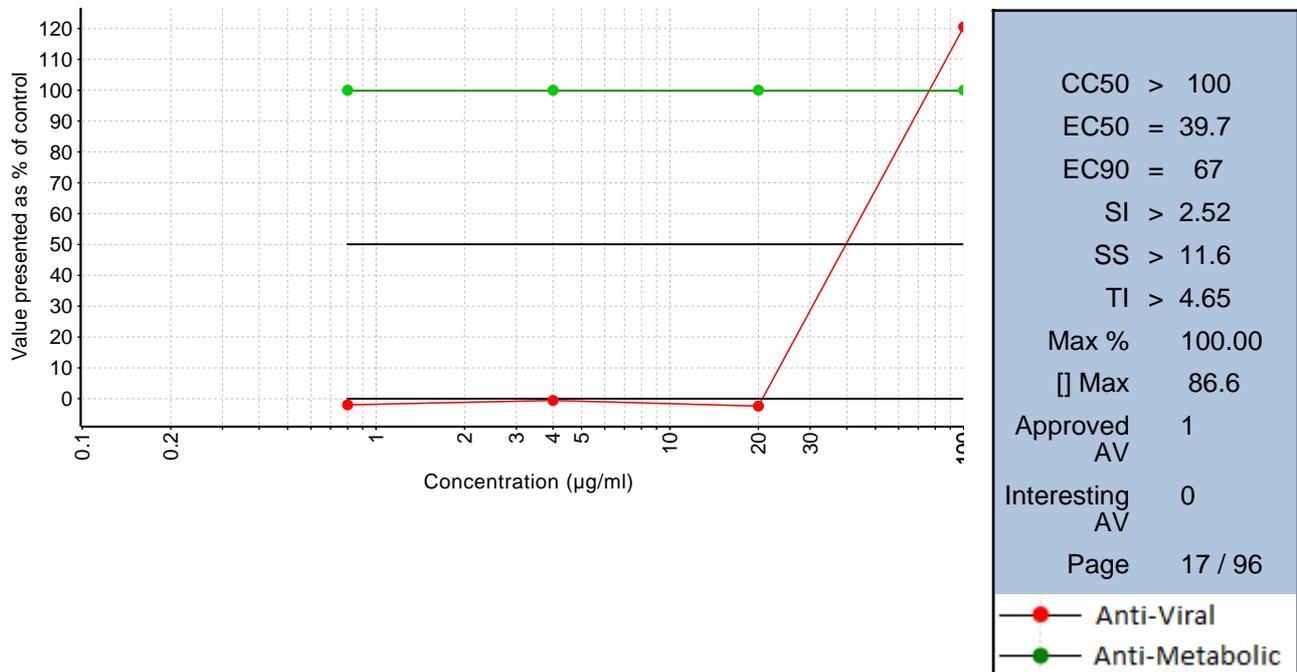
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 39.7	= 67
Med.Abs.Dev.			
Mean	> 100	= 39.7	= 67
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0018	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50$_{av}$	
EC50	> 100
EC90	> 100
SI$_{av}$	
SS$_{av}$	
TI$_{av}$	
Max %	10.04
[] Max	100
Approved AV	1
Interesting AV	0
Page	18 / 96

— ●— Anti-Viral
— ●— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0019	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

Chart with axes: Value presented as % of control (y-axis) vs Concentration (µg/ml) (x-axis). Legend: Anti-Viral (red), Anti-Metabolic (green).

CC50	= 44.7
EC50	= 8.41
EC90	= 15
SI	= 5.32
SS	= 18.9
TI	= 13.7
Max %	100.00
[] Max	18.6
Approved AV	1
Interesting AV	0
Page	19 / 96

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 46.4	= 8.41	= 15
Med.Abs.Dev.	1.64		
Mean	= 46.4	= 8.41	= 15
Stdev.	2.32		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0020	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 39
EC90 = 67.6
SI > 2.56
SS > 10.3
TI > 4.22
Max % 92.24
[] Max 82.1
Approved AV 1
Interesting AV 0
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— ● — Anti-Viral
— ● — Anti-Metabolic
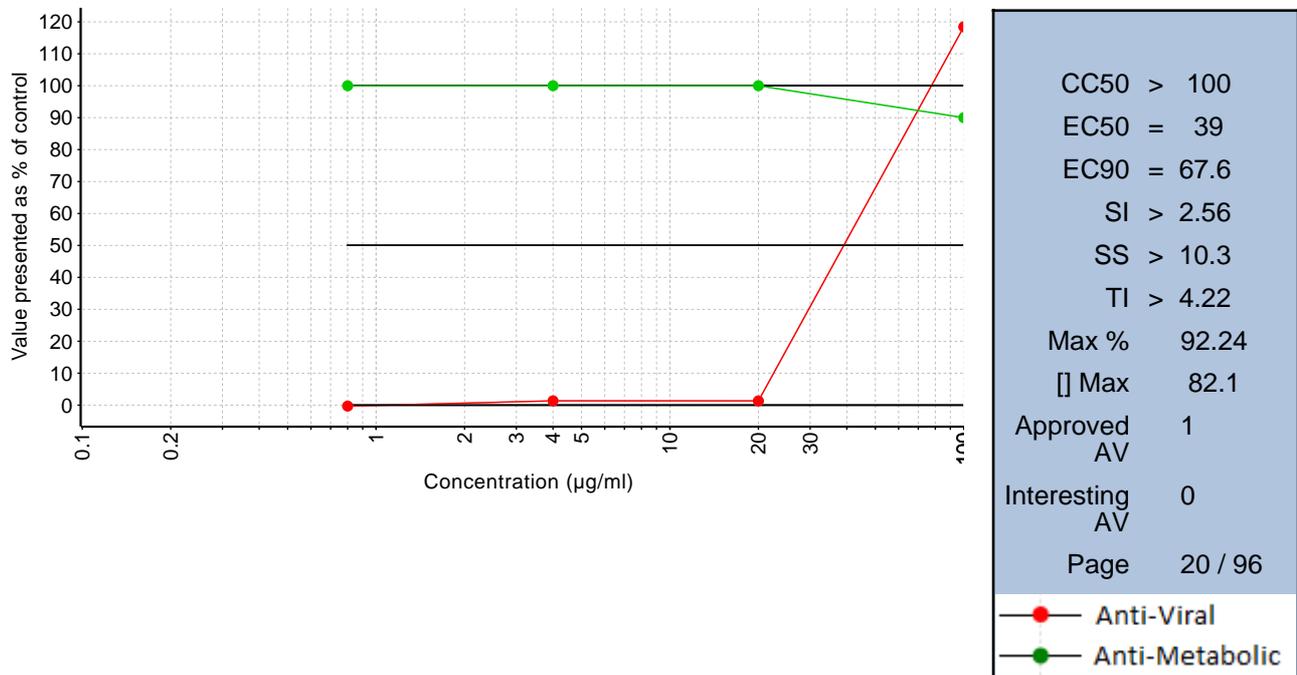
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 39	= 67.6
Med.Abs.Dev.			
Mean	> 100	= 39	= 67.6
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0021	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
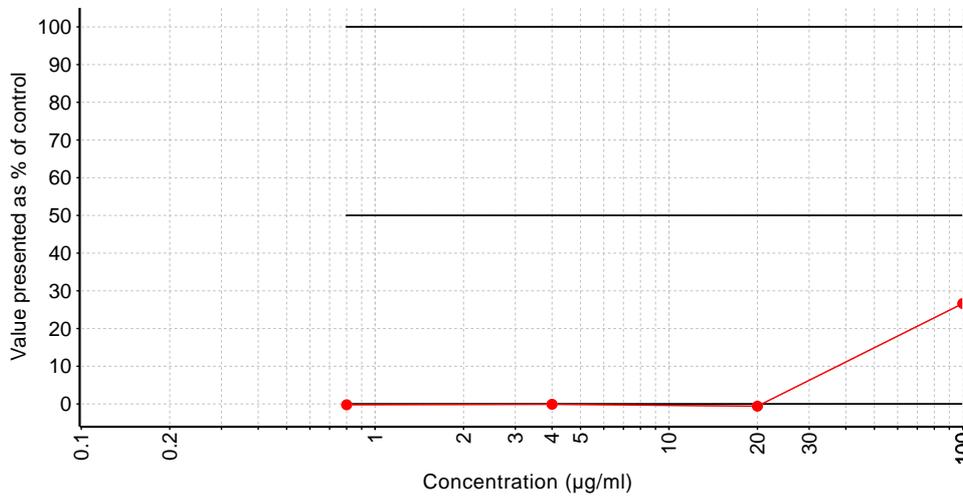
$CC50_{av}$	
EC50	> 100
EC90	> 100
SI_{av}	
SS_{av}	
TI_{av}	
Max %	26.63
[] Max	100
Approved AV	1
Interesting AV	0
Page	21 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0022	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50	= 54.7
EC50	
EC90	
SI	
SS	
TI	
Max %	33.40
[] Max	20
Approved AV	1
Interesting AV	0
Page	22 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 54.7	> 20	> 20
Med.Abs.Dev.			
Mean	= 54.7	> 20	> 20
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0023	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 39.4
EC90
SI > 2.54
SS > 8.76
TI > 3.55
Max % 85.42
[] Max 78.3
Approved AV 1
Interesting AV 0
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— ● — Anti-Viral
— ● — Anti-Metabolic
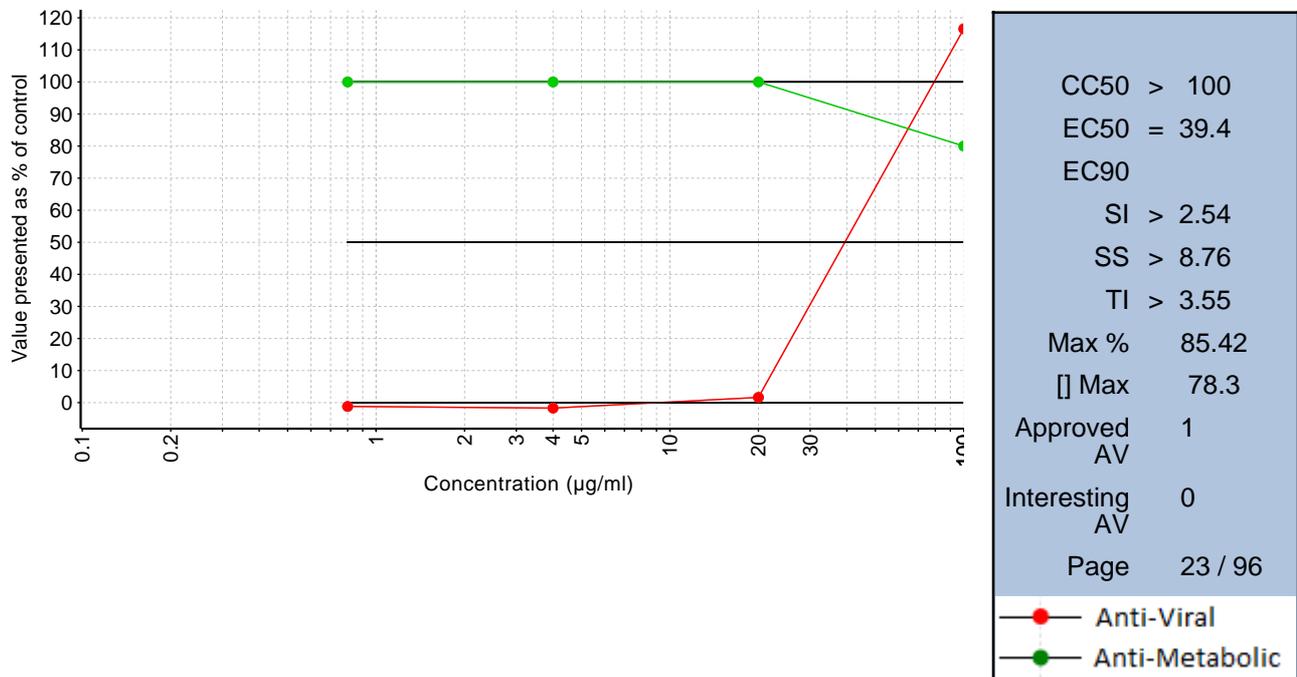
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 39.4	= 68.9
Med.Abs.Dev.			
Mean	> 100	= 39.4	= 68.9
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0024	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

Chart details:

CC50 > 100
EC50 = 37.8
EC90
SI > 2.65
SS > 9.3
TI > 3.93
Max % 85.84
[] Max 76.6
Approved AV 1
Interesting AV 0

— ● — Anti-Viral
— ● — Anti-Metabolic
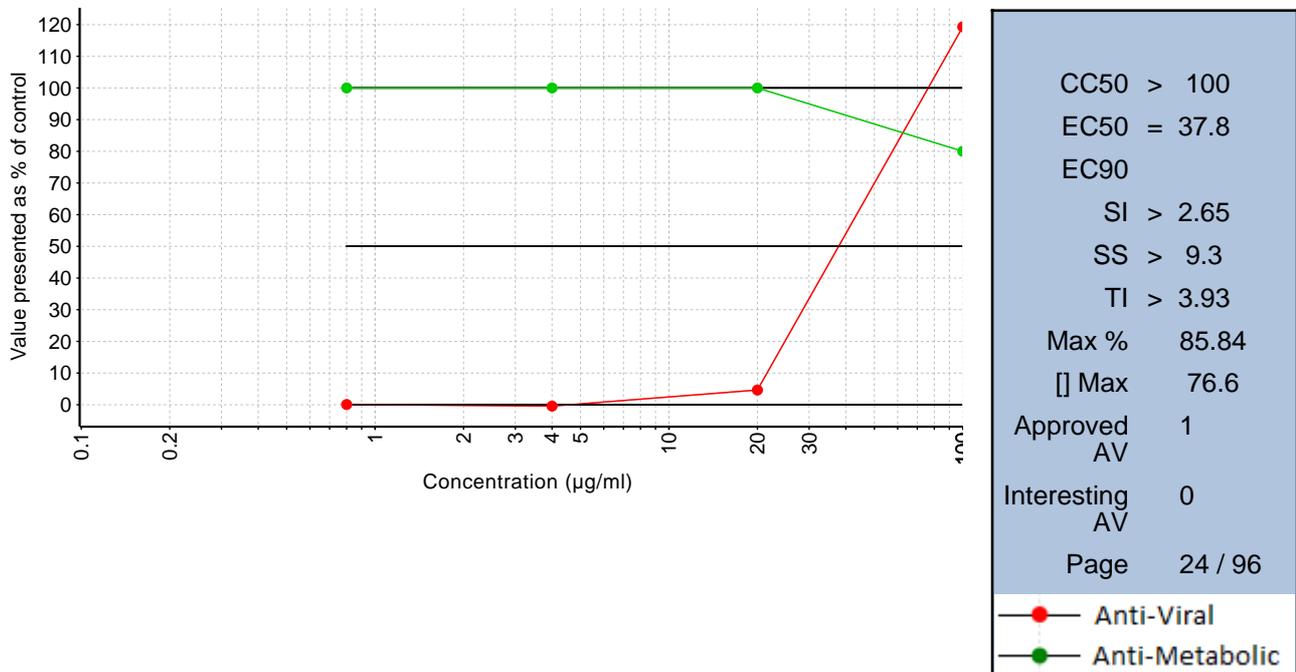
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 37.8	= 66.3
Med.Abs.Dev.			
Mean	> 100	= 37.8	= 66.3
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0025	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
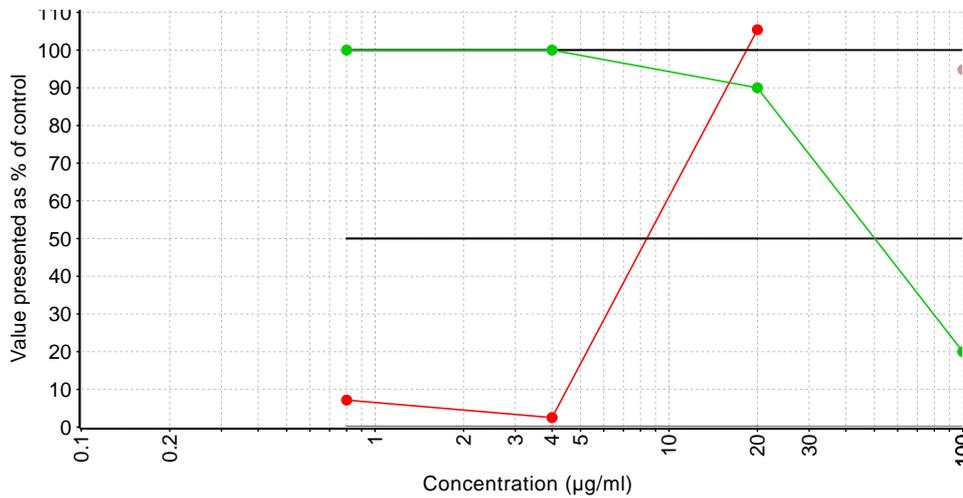
Summary box:
CC50 = 50.2
EC50 = 8.41
EC90 = 15.7
SI = 5.97
SS = 17
TI = 13.2
Max % 91.37
[] Max 17.8
Approved AV 1
Interesting AV 1

Legend: Anti-Viral, Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 50.2	= 8.41	= 15.7
Med.Abs.Dev.			
Mean	= 50.2	= 8.41	= 15.7
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0026	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 46.5
EC90
SI > 2.15
SS > 6.07
TI > 2.02
Max % 82.45
[] Max 90.2
Approved AV 1
Interesting AV 0
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— ● — Anti-Viral
— ● — Anti-Metabolic
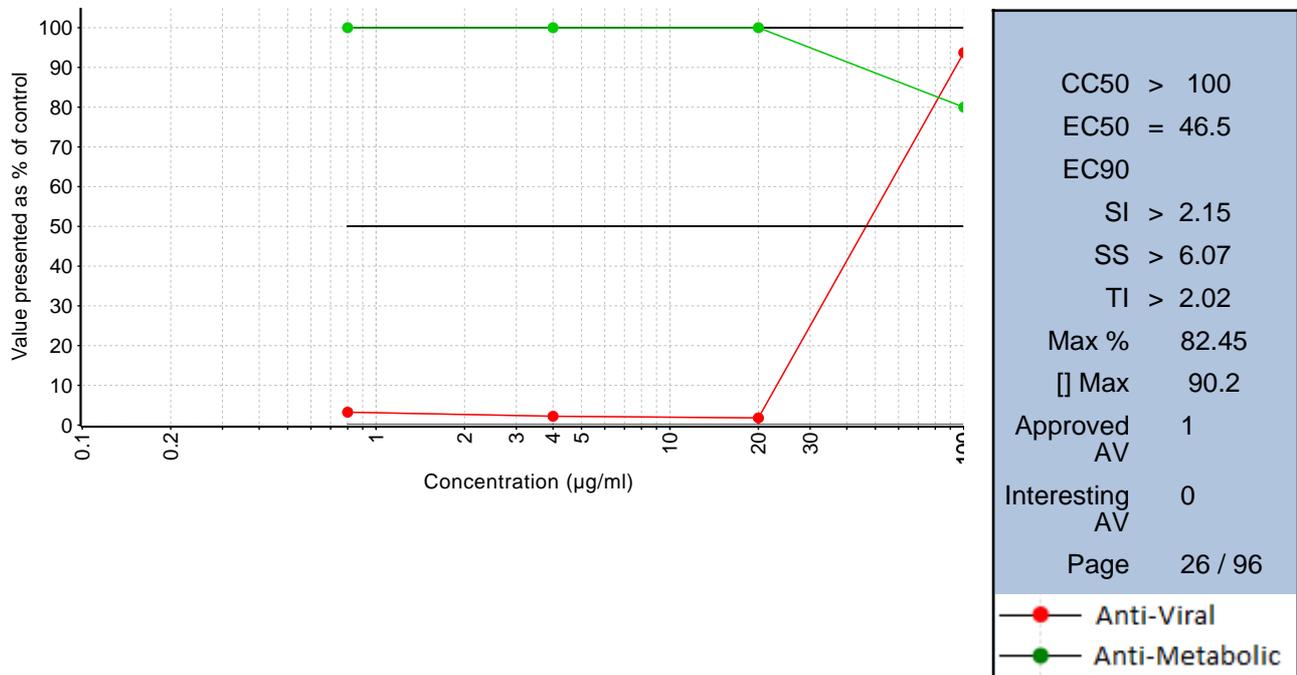
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 46.5	= 93.7
Med.Abs.Dev.			
Mean	> 100	= 46.5	= 93.7
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0027	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
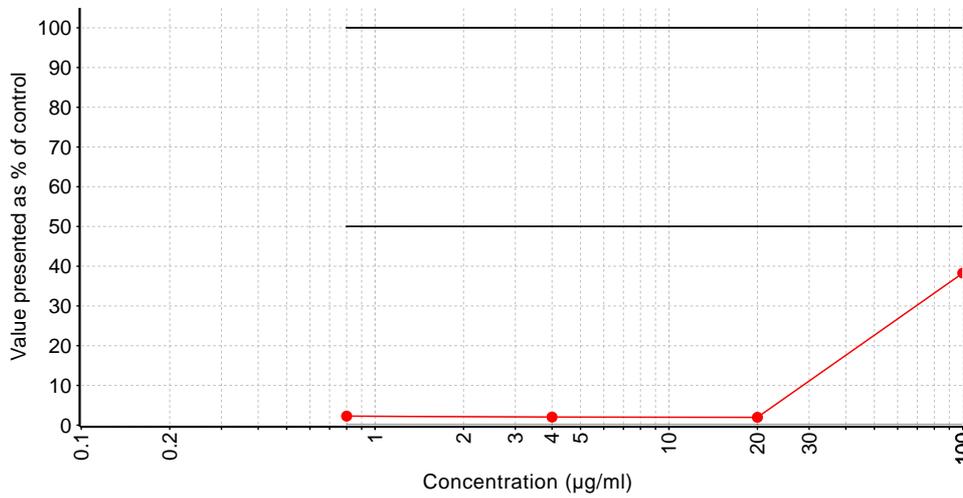
$CC50_{av}$
$EC50 > 100$
$EC90 > 100$
SI_{av}
SS_{av}
TI_{av}
Max % 38.26
[] Max 100
Approved AV 1
Interesting AV 0
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Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0028	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 54.7

EC50 = 10.9

EC90

SI = 5

SS = 10.2

TI = 7.17

Max % 79.30

[] Max 20

Approved AV 1

Interesting AV 0

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● Anti-Viral

● Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 54.7	= 10.9	> 20
Med.Abs.Dev.			
Mean	= 54.7	= 10.9	> 20
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0029	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
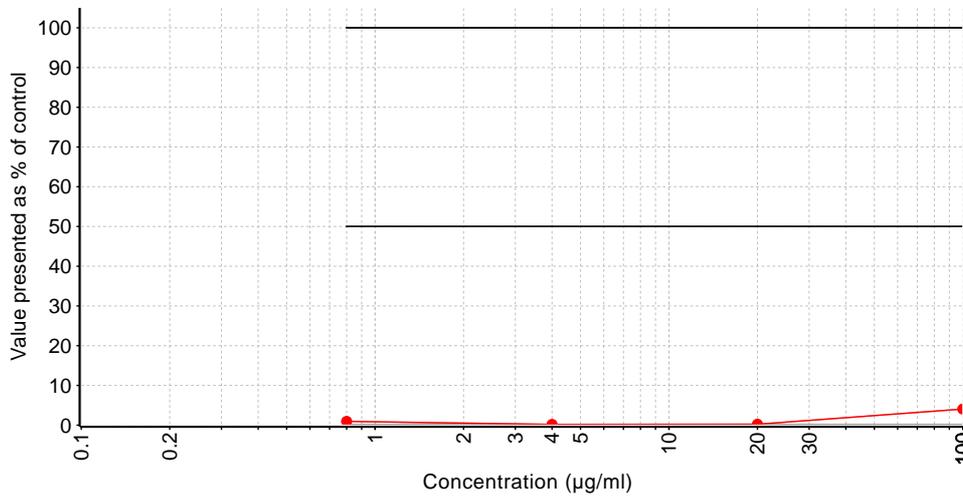
$CC50_{av}$
$EC50 > 100$
$EC90 > 100$
SI_{av}
SS_{av}
TI_{av}
Max %   4.05
[] Max   100
Approved AV   1
Interesting AV   0
Page   29 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0030	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
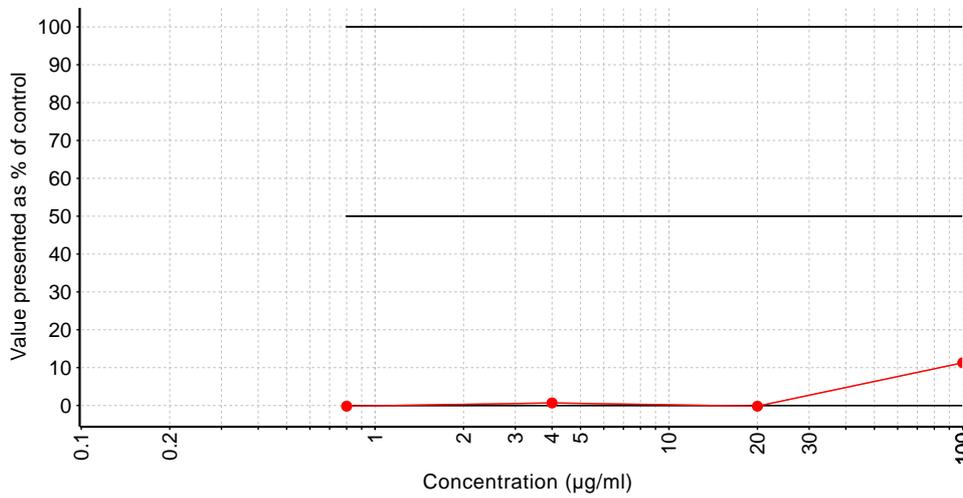
CC50$_{av}$
EC50 > 100
EC90 > 100
SI$_{av}$
SS$_{av}$
TI$_{av}$
Max % 11.28
[] Max 100
Approved AV 1
Interesting AV 0
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Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0031	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	= 44.7
EC50	= 13.7
EC90	
SI	= 3.27
SS	= 2.46
TI	= 1.26
Max %	65.20
[] Max	20
Approved AV	1
Interesting AV	0
Page	31 / 96

Anti-Viral
Anti-Metabolic
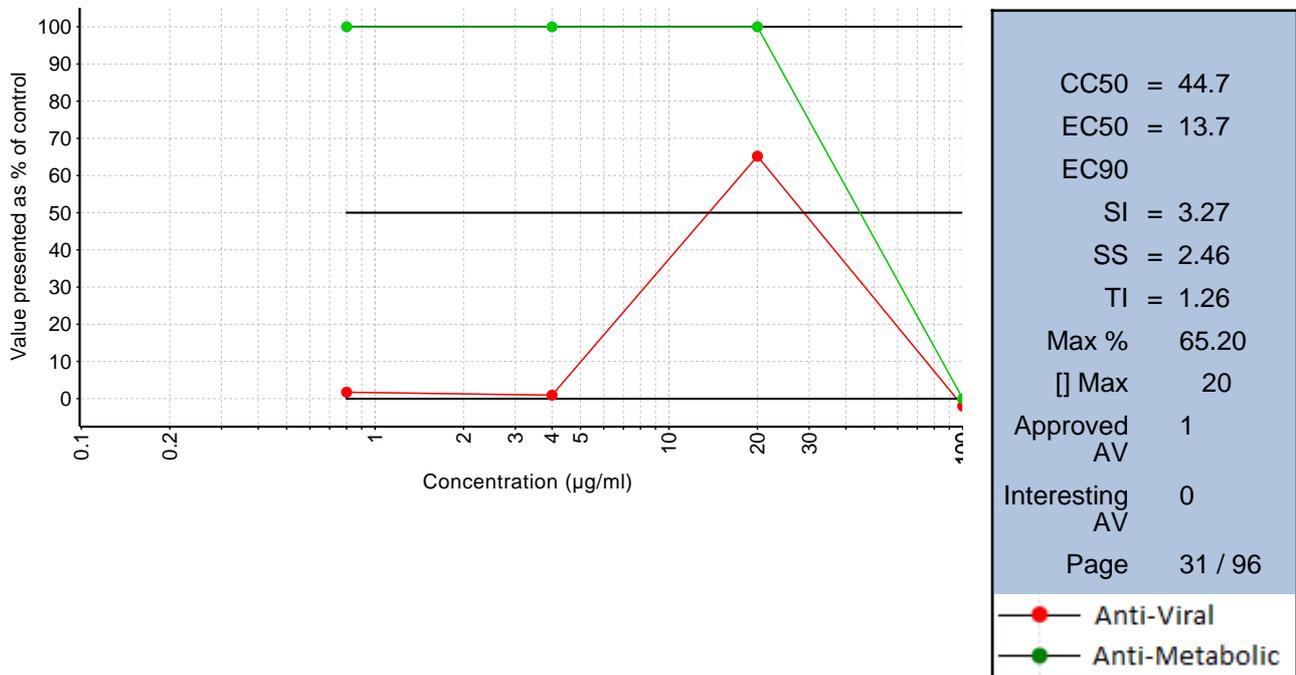
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 36.8	= 13.7	
Med.Abs.Dev.	7.97		
Mean	= 36.8	= 13.7	
Stdev.	11.3		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_00 32	Chikun gunya virus	No Type	899	Vero	A	Absorb ance	MTS - 498nm	Microsc opy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 78.2
EC90 > 100
SI > 1.28
SS > 0.478
TI > 0.0509
Max % 58.96
[] Max 100
Approved AV 1
Interesting AV 0
Page 32 / 96

— ● — Anti-Viral
— ● — Anti-Metabolic
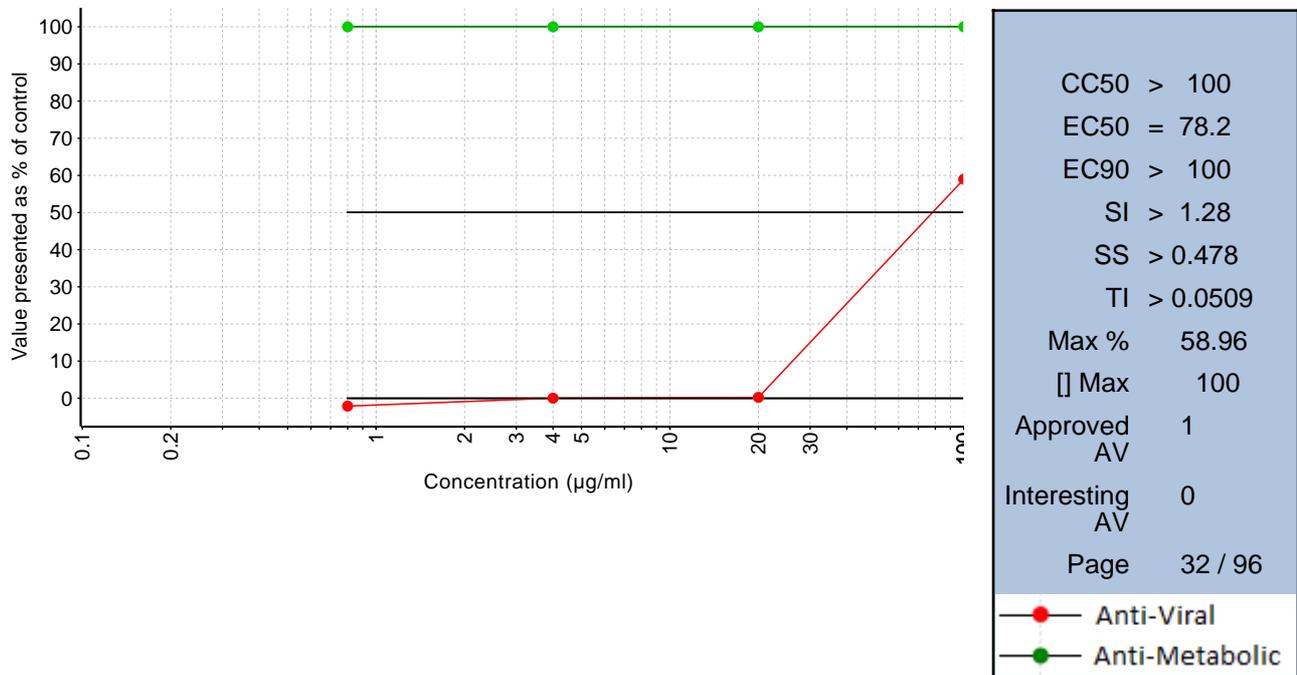
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 78.2	> 100
Med.Abs.Dev.			
Mean	> 100	= 78.2	> 100
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0033	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
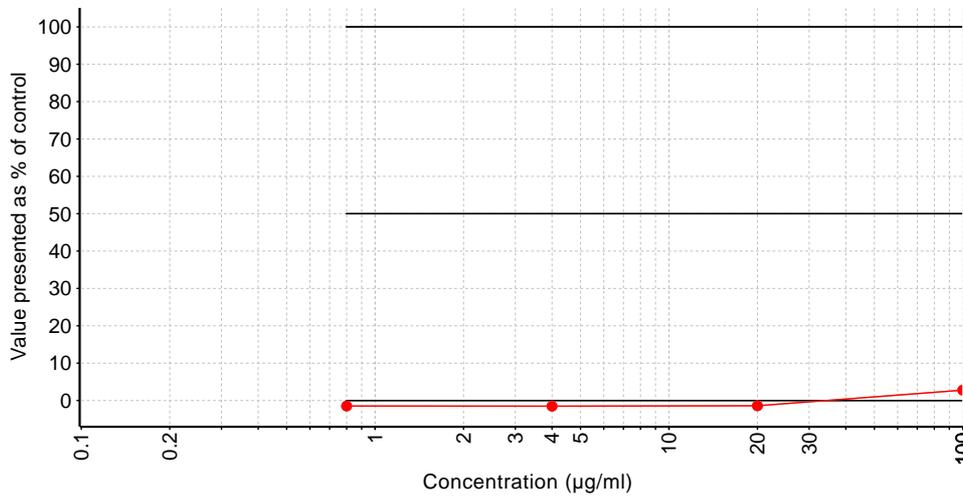
$CC50_{av}$
$EC50 > 100$
$EC90 > 100$
SI_{av}
SS_{av}
TI_{av}
Max % 2.77
[] Max 100
Approved AV 1
Interesting AV 0
Page 33 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0034	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 72.5
EC50 = 7.59
EC90 = 13.3
SI = 9.55
SS = 21.9
TI = 21.5
Max % 92.34
[] Max 16.3
Approved AV 1
Interesting AV 1
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— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 72.5	= 7.59	= 13.3
Med.Abs.Dev.			
Mean	= 72.5	= 7.59	= 13.3
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0035	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 >	100
EC50 =	37.9
EC90 =	63.7
SI >	2.64
SS >	11
TI >	4.62
Max %	92.59
[] Max	79.3
Approved AV	1
Interesting AV	0
Page	35 / 96
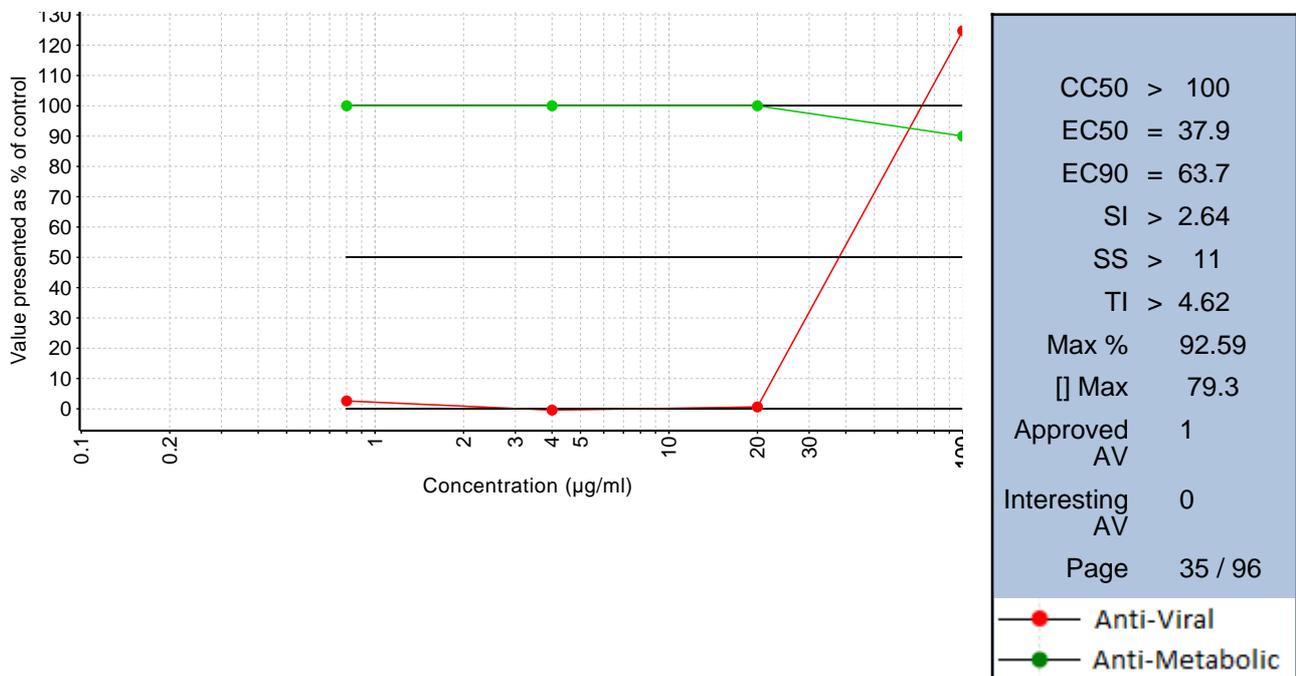
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 37.9	= 63.7
Med.Abs.Dev.			
Mean	> 100	= 37.9	= 63.7
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0036	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
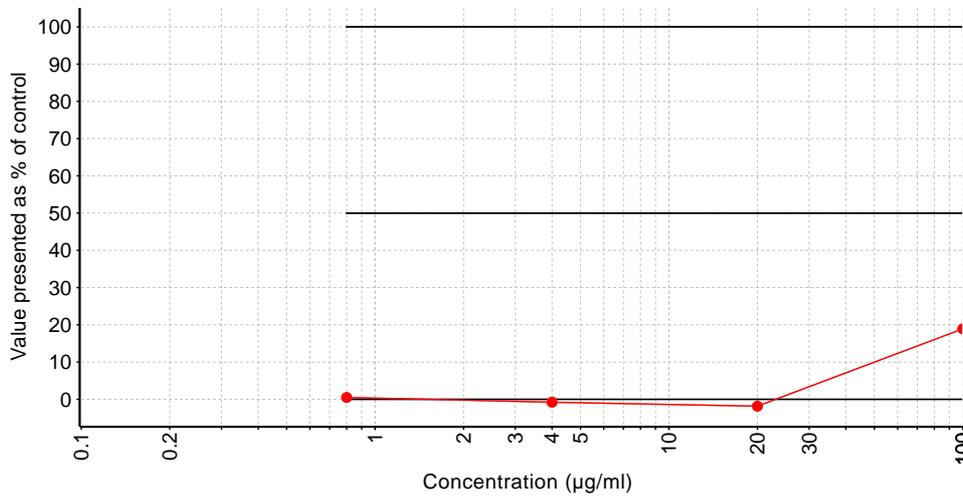
CC50$_{av}$
EC50 > 100
EC90 > 100
SI$_{av}$
SS$_{av}$
TI$_{av}$
Max % 18.92
[] Max 100
Approved AV 1
Interesting AV 0
Page 36 / 96

—●— Anti-Viral
—●— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0037	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 76.5
EC50 = 19.4
EC90
SI = 3.95
SS = 0.268
TI = 0.16
Max % 50.90
[] Max 20
Approved AV 1
Interesting AV 0
Page 37 / 96

Anti-Viral
Anti-Metabolic
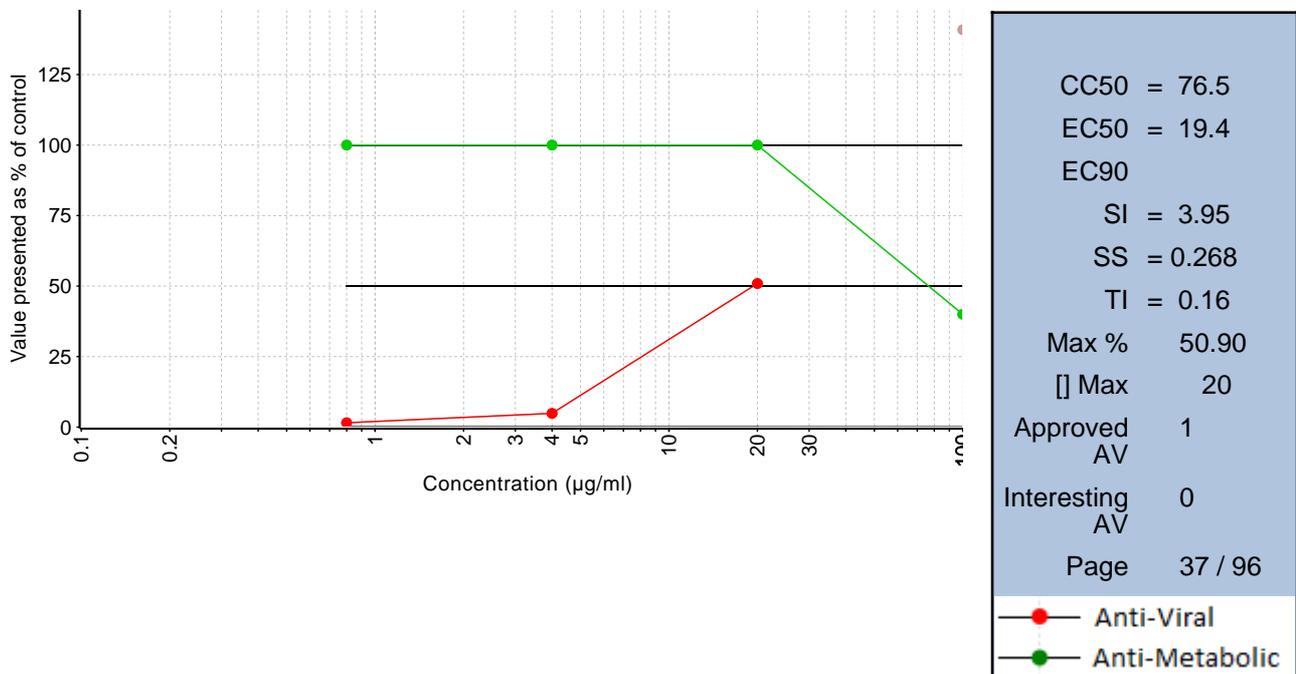
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 76.5	= 19.4	> 20
Med.Abs.Dev.			
Mean	= 76.5	= 19.4	> 20
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0038	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 >	100
EC50 =	47
EC90	
SI >	2.13
SS >	6.01
TI >	1.97
Max %	82.51
[] Max	90
Approved AV	1
Interesting AV	0
Page	38 / 96

● — Anti-Viral
● — Anti-Metabolic
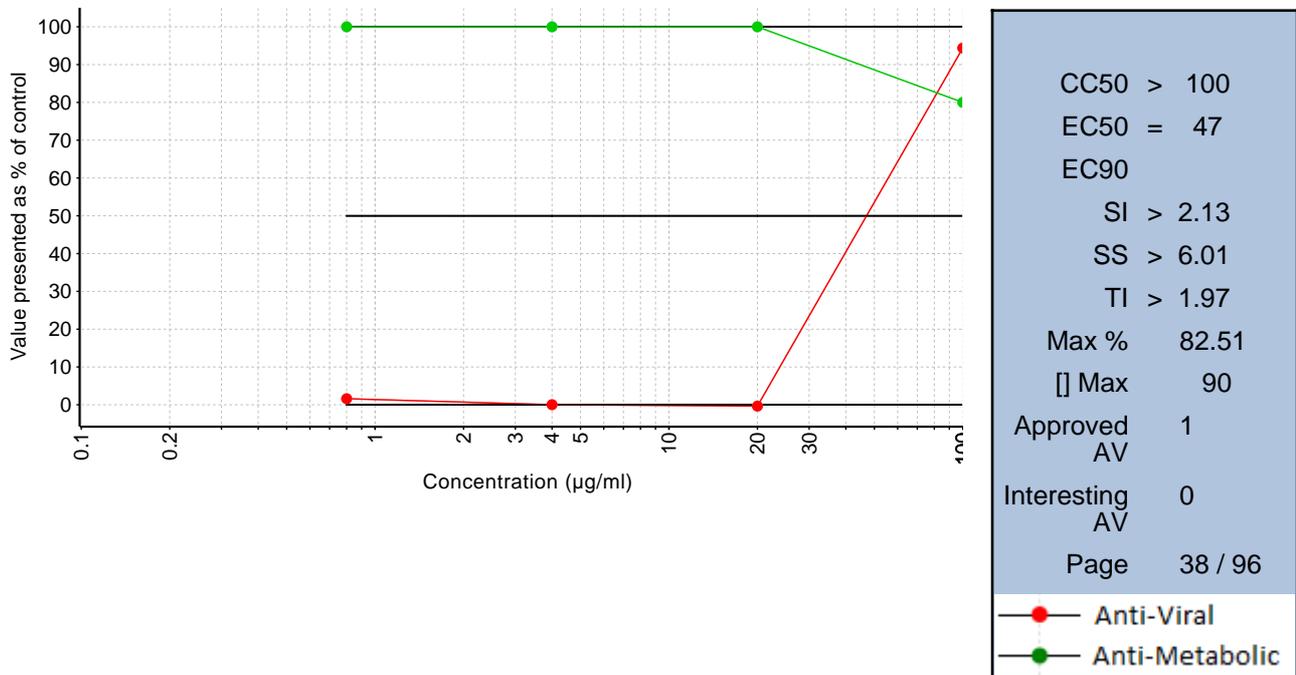
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 47	= 92.8
Med.Abs.Dev.			
Mean	> 100	= 47	= 92.8
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0039	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
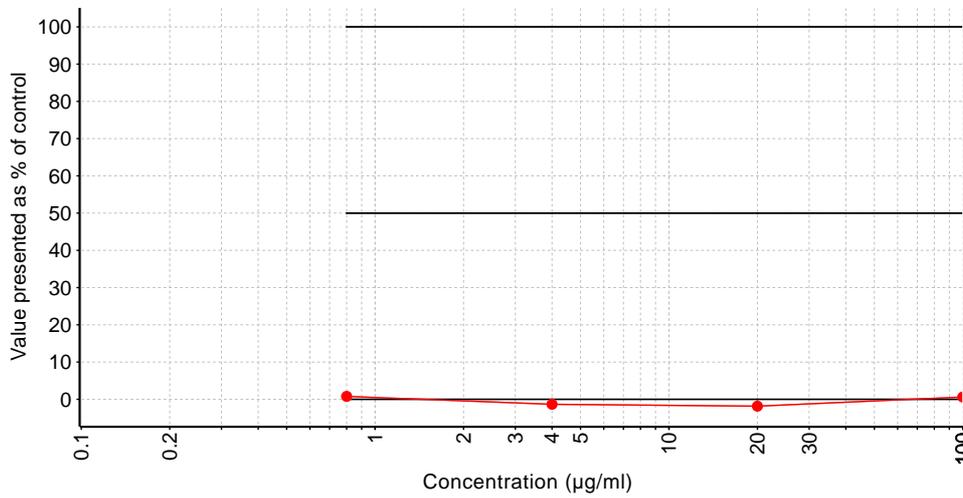
$CC50_{av}$	
EC50	> 100
EC90	> 100
SI_{av}	
SS_{av}	
TI_{av}	
Max %	0.78
[] Max	0.8
Approved AV	1
Interesting AV	0
Page	39 / 96

- ●── Anti-Viral
- ●── Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_00 40	Chikun gunya virus	No Type	899	Vero	A	Absorb ance	MTS - 498nm	Microsc opy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 34.8
EC90
SI > 2.87
SS > 7.28
TI > 3.33
Max % 77.65
[] Max 64.7
Approved AV 1
Interesting AV 0
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— Anti-Viral
— Anti-Metabolic
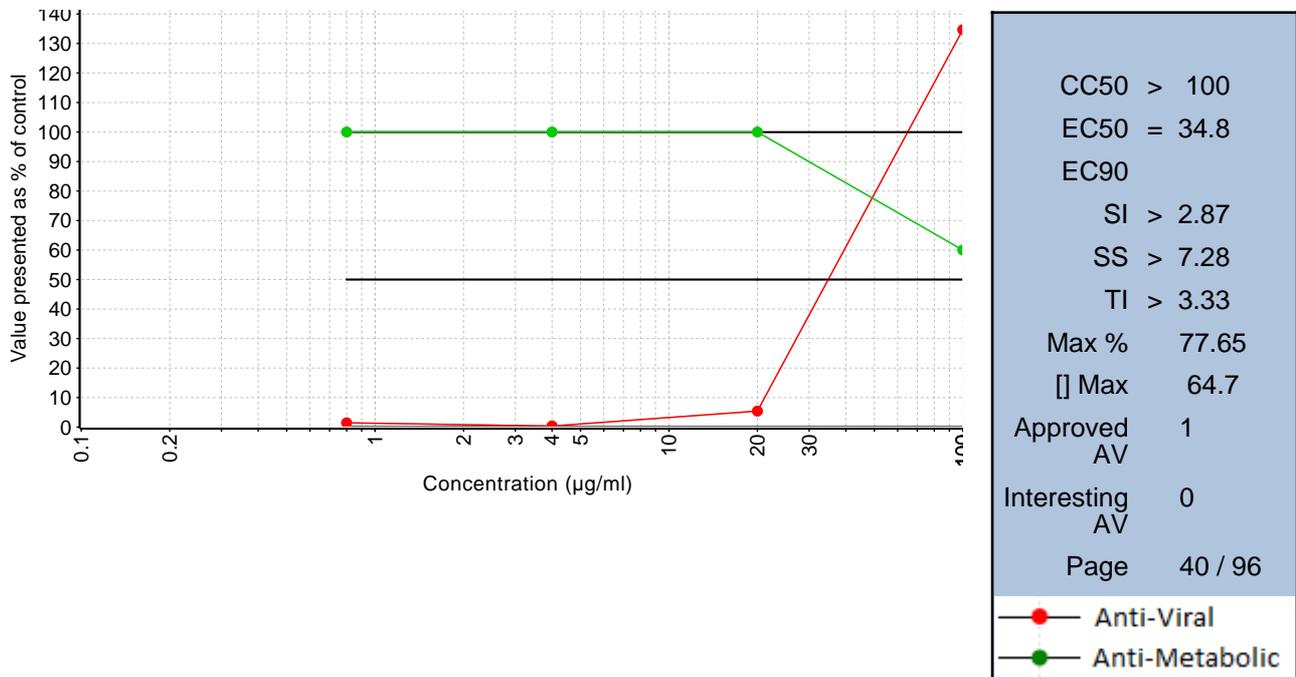
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 34.8	= 57.3
Med.Abs.Dev.			
Mean	> 100	= 34.8	= 57.3
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0041	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
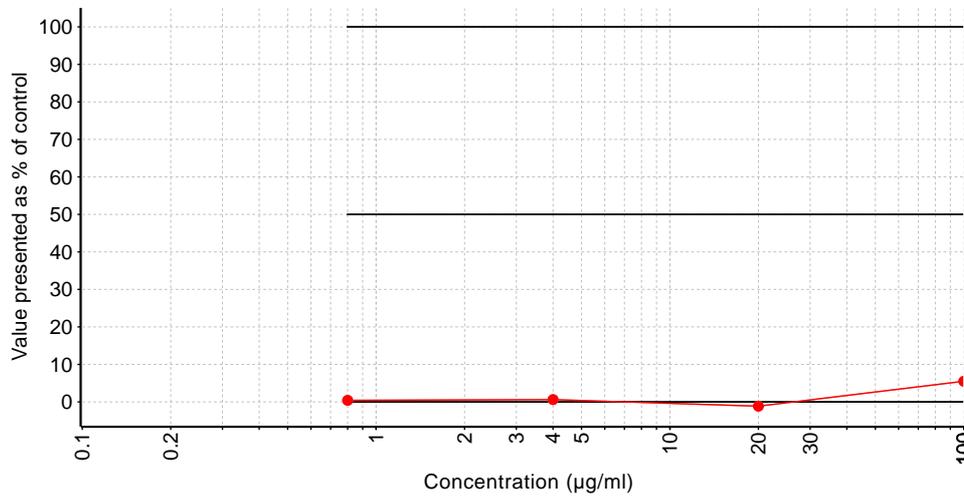
CC50$_{av}$
EC50 > 100
EC90 > 100
SI$_{av}$
SS$_{av}$
TI$_{av}$
Max % 5.50
[] Max 100
Approved AV 1
Interesting AV 0
Page 41 / 96

— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0042	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
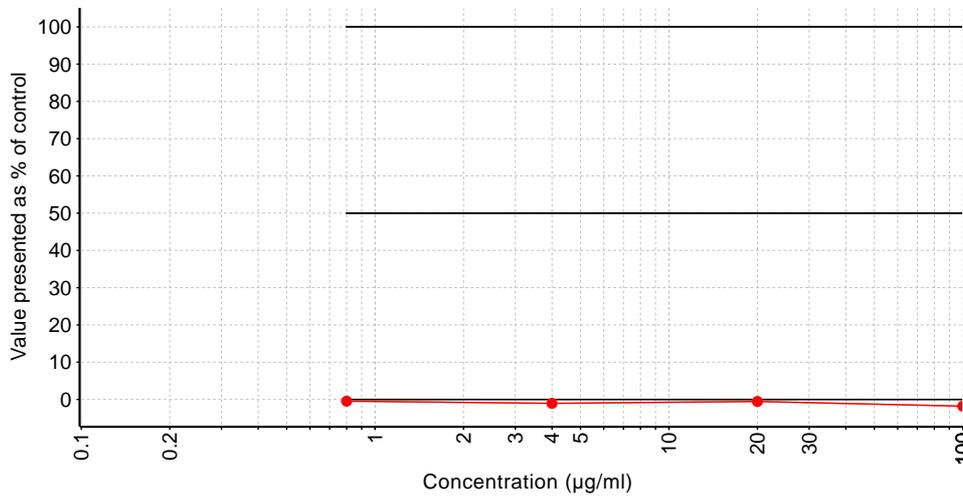
$CC50_{av}$

$EC50 > 100$

$EC90 > 100$

SI_{av}

SS_{av}

TI_{av}

Max %   -0.47

[] Max   0.8

Approved AV   1

Interesting AV   0

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Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0043	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	=	38.1
EC50	=	9.06
EC90		
SI	=	4.2
SS	=	8.15
TI	=	5.08
Max %		76.41
[] Max		16.6
Approved AV		1
Interesting AV		0
Page		43 / 96

Anti-Viral
Anti-Metabolic
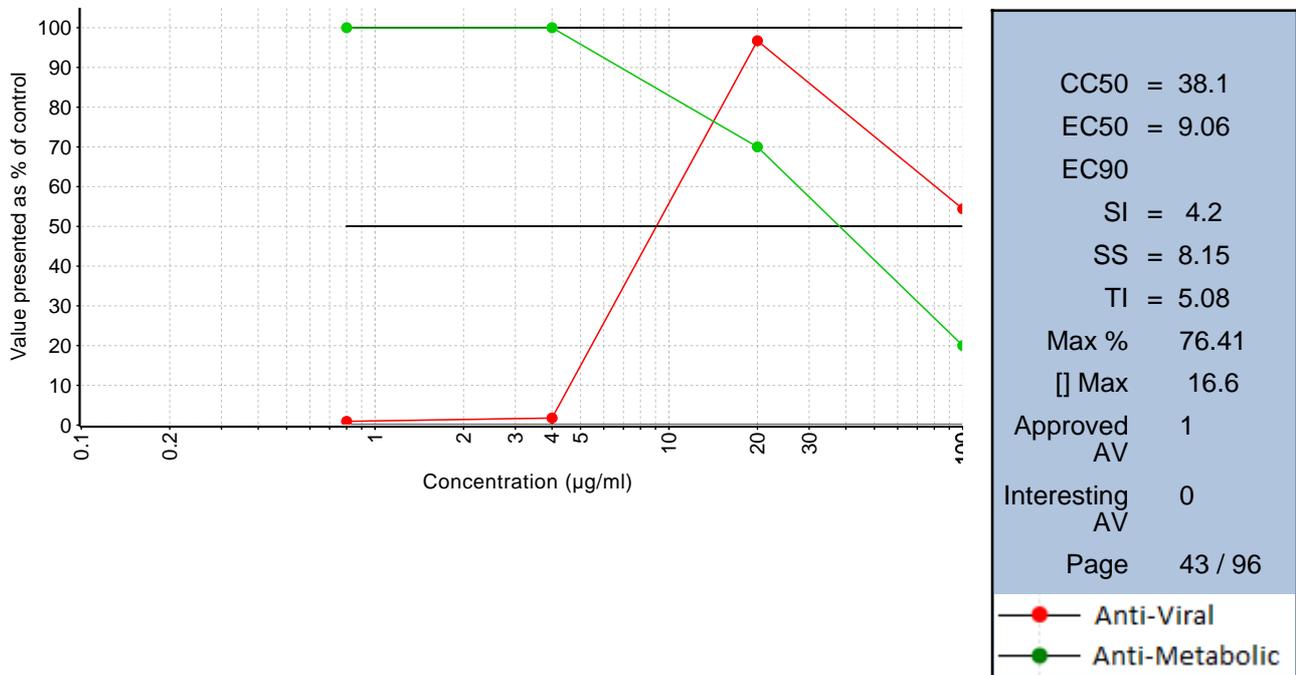
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 38.1	= 9.06	= 17.8
Med.Abs.Dev.			
Mean	= 38.1	= 9.06	= 17.8
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0044	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50	> 100
EC50	= 38.4
EC90	
SI	> 2.6
SS	> 9.09
TI	> 3.78
Max %	85.68
[] Max	77.3
Approved AV	1
Interesting AV	0
Page	44 / 96
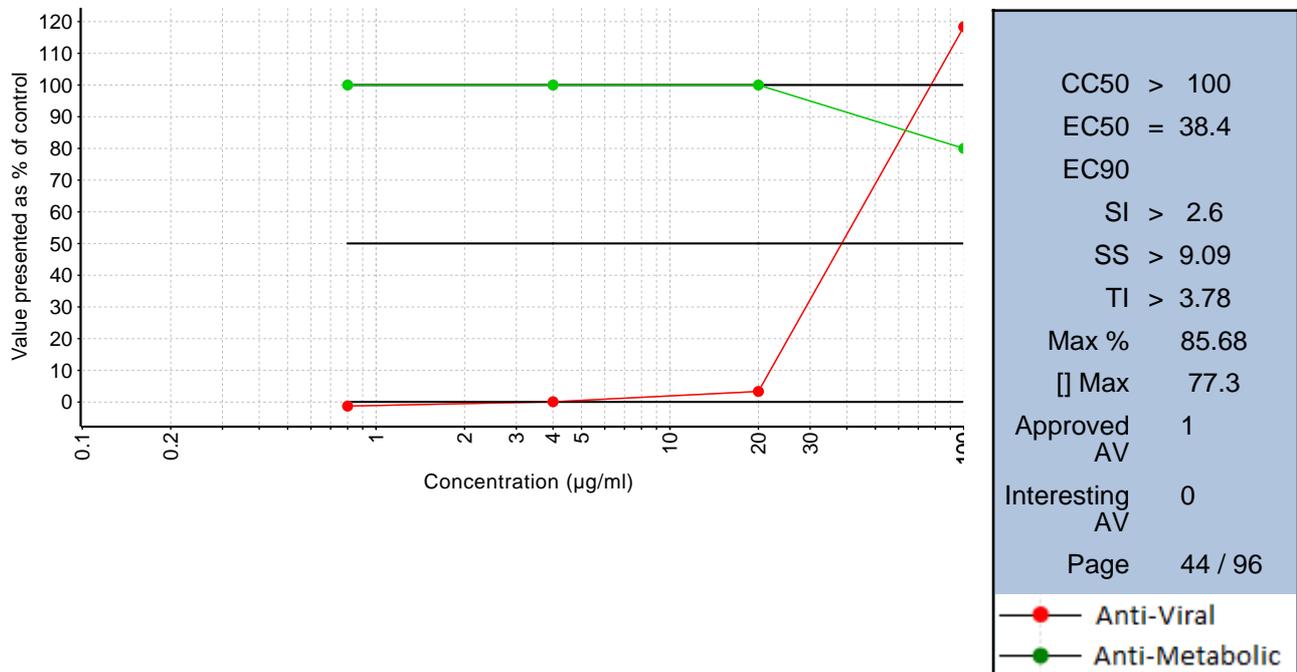
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 38.4	= 67.2
Med.Abs.Dev.			
Mean	> 100	= 38.4	= 67.2
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0045	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
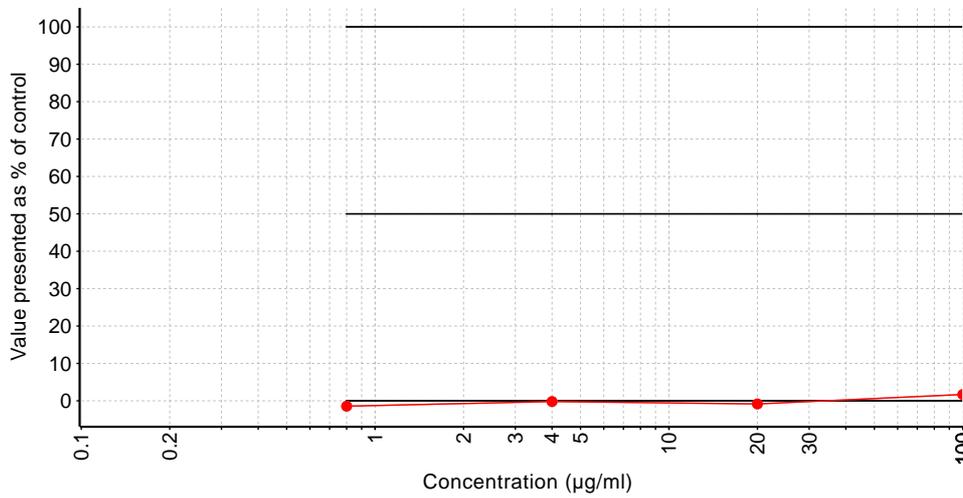
$CC50_{av}$
$EC50 > 100$
$EC90 > 100$
SI_{av}
SS_{av}
TI_{av}
Max % 1.69
[] Max 100
Approved AV 1
Interesting AV 0
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Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0046	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Chart panel values:

$CC50_{av}$	
EC50	
EC90	
SI_{av}	
SS_{av}	
TI_{av}	
Max %	38.16
[] Max	20
Approved AV	1
Interesting AV	0
Page	46 / 96

— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median			
Med.Abs.Dev.			
Mean			
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0047	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
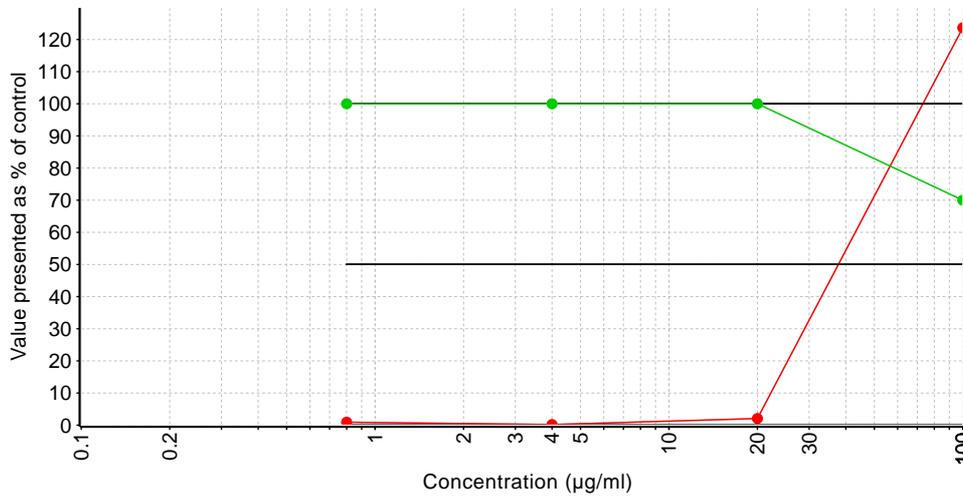
CC50	> 100
EC50	= 37.7
EC90	
SI	> 2.65
SS	> 7.93
TI	> 3.36
Max %	80.62
[] Max	71.7
Approved AV	1
Interesting AV	0
Page	47 / 96

● Anti-Viral
● Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 37.7	= 64.1
Med.Abs.Dev.			
Mean	> 100	= 37.7	= 64.1
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0048	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
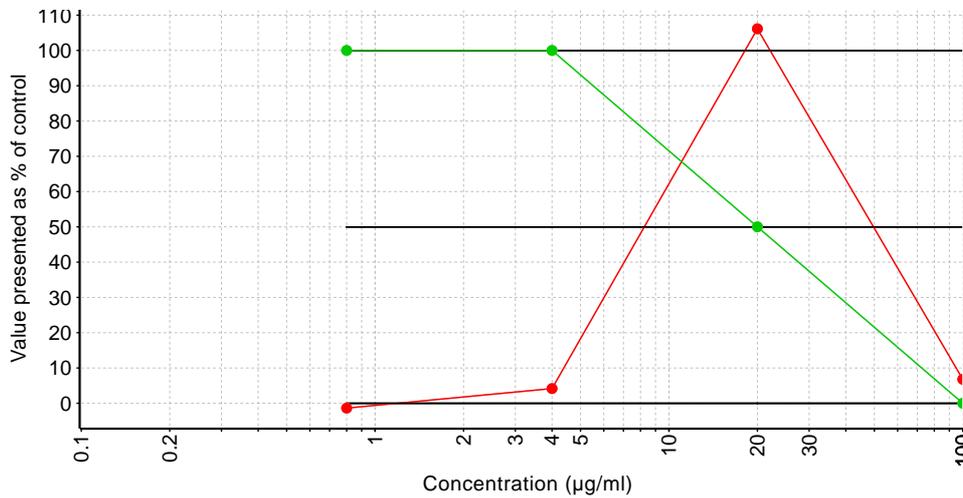
CC50 = 20
EC50 = 8.25
EC90
SI = 2.43
SS = 3.55
TI = 1.37
Max % 68.47
[] Max 14.1
Approved AV 1
Interesting AV 0
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● — Anti-Viral
● — Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 34.8	= 8.25	= 15.5
Med.Abs.Dev.	14.8		
Mean	= 34.8	= 8.25	= 15.5
Stdev.	21		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0049	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
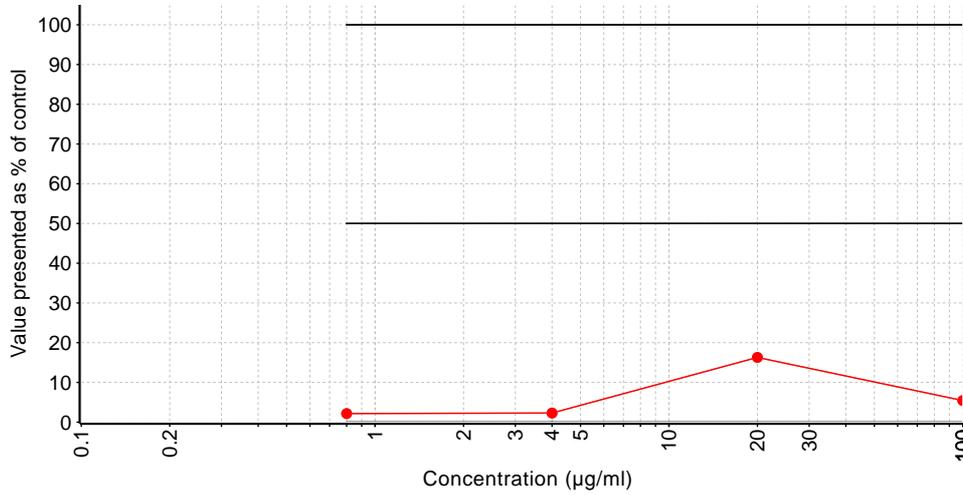
$CC50_{av}$	
EC50	> 100
EC90	> 100
SI_{av}	
SS_{av}	
TI_{av}	
Max %	16.29
[] Max	20
Approved AV	1
Interesting AV	0
Page	49 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0050	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 =	100
EC50 =	52
EC90	
SI =	1.92
SS =	1.85
TI =	0.524
Max %	63.00
[] Max	79.2
Approved AV	1
Interesting AV	0
Page	50 / 96

● —— Anti-Viral
● —— Anti-Metabolic
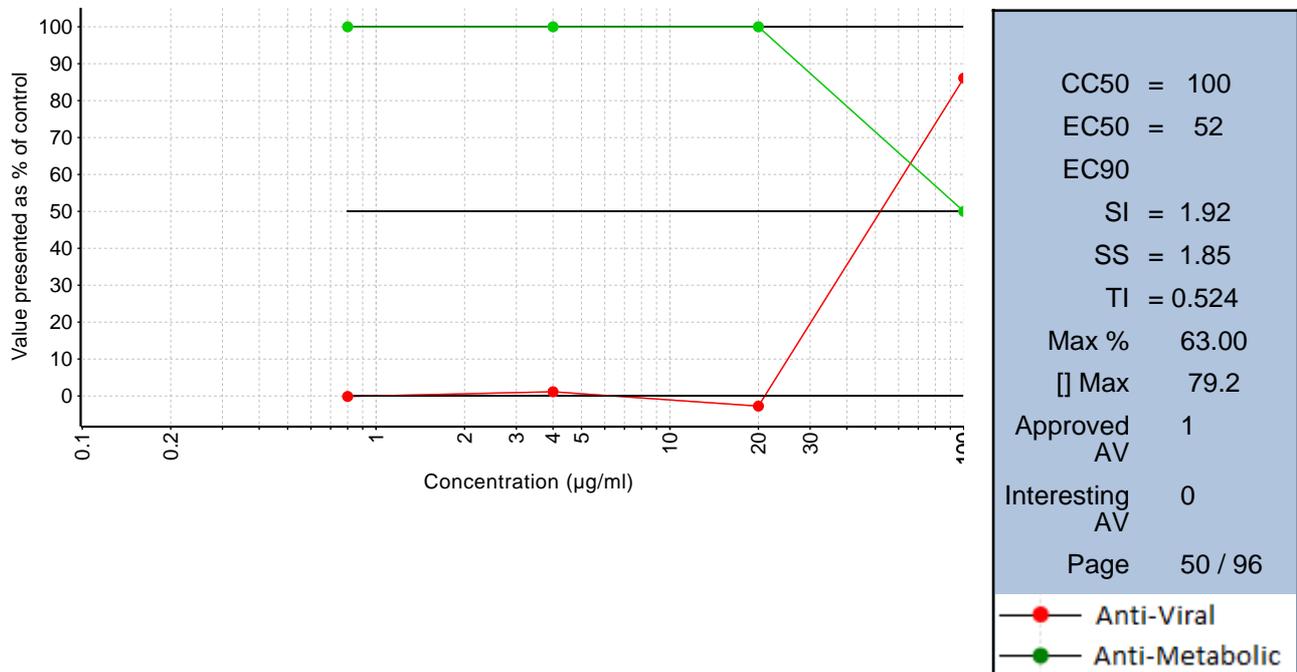
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 100	= 52	> 100
Med.Abs.Dev.			
Mean	= 100	= 52	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_00 51	Chikun gunya virus	No Type	899	Vero	A	Absorb ance	MTS - 498nm	Microsc opy	Tox scoring

Needs more data.

CC50	= 44.7
EC50	= 7.47
EC90	= 20
SI	= 5.99
SS	= 14.9
TI	= 11.6
Max %	90.00
[] Max	20
Approved AV	1
Interesting AV	0
Page	51 / 96

Anti-Viral
Anti-Metabolic
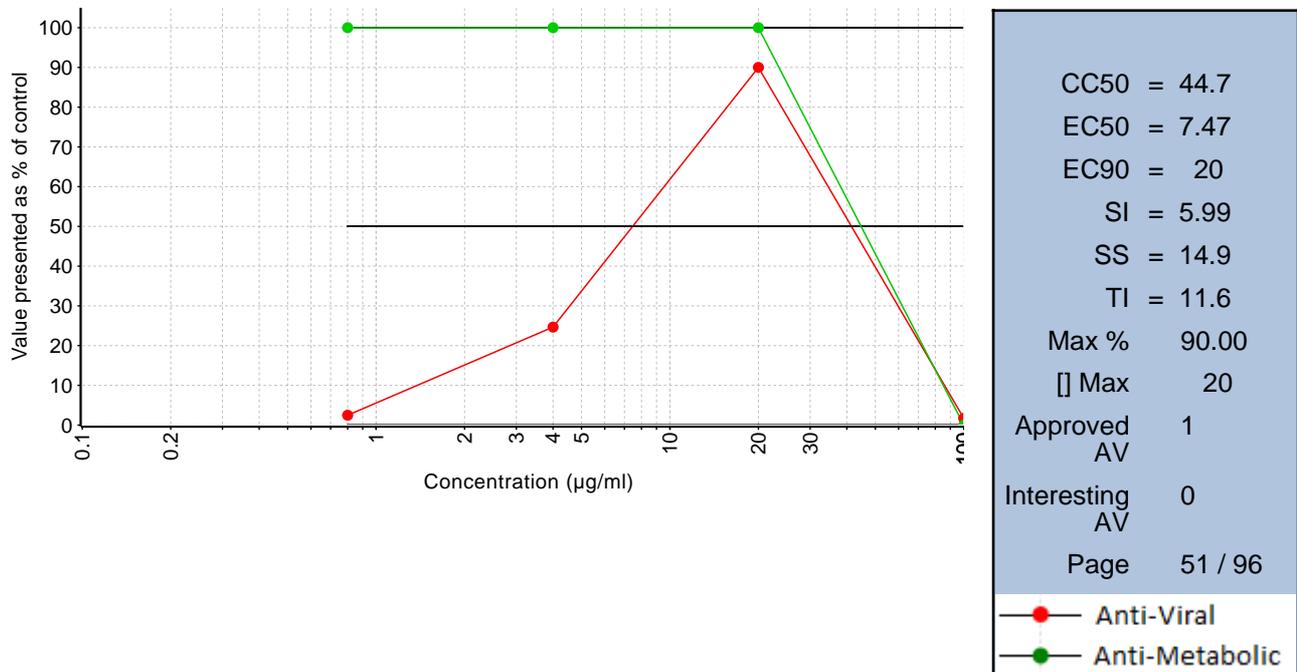
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 43.1	= 7.47	= 20
Med.Abs.Dev.	1.63		
Mean	= 43.1	= 7.47	= 20
Stdev.	2.3		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0052	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50$_{av}$

EC50 > 100

EC90 > 100

SI$_{av}$

SS$_{av}$

TI$_{av}$

Max % 10.04

[] Max 100

Approved AV 1

Interesting AV 0

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Anti-Viral

Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0053	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

Chart legend and summary values:

CC50 = 44.7
EC50 = 12.1
EC90
SI = 3.69
SS = 4.41
TI = 2.5
Max % 70.72
[] Max 20
Approved AV 1
Interesting AV 0

- ● — Anti-Viral
- ● — Anti-Metabolic
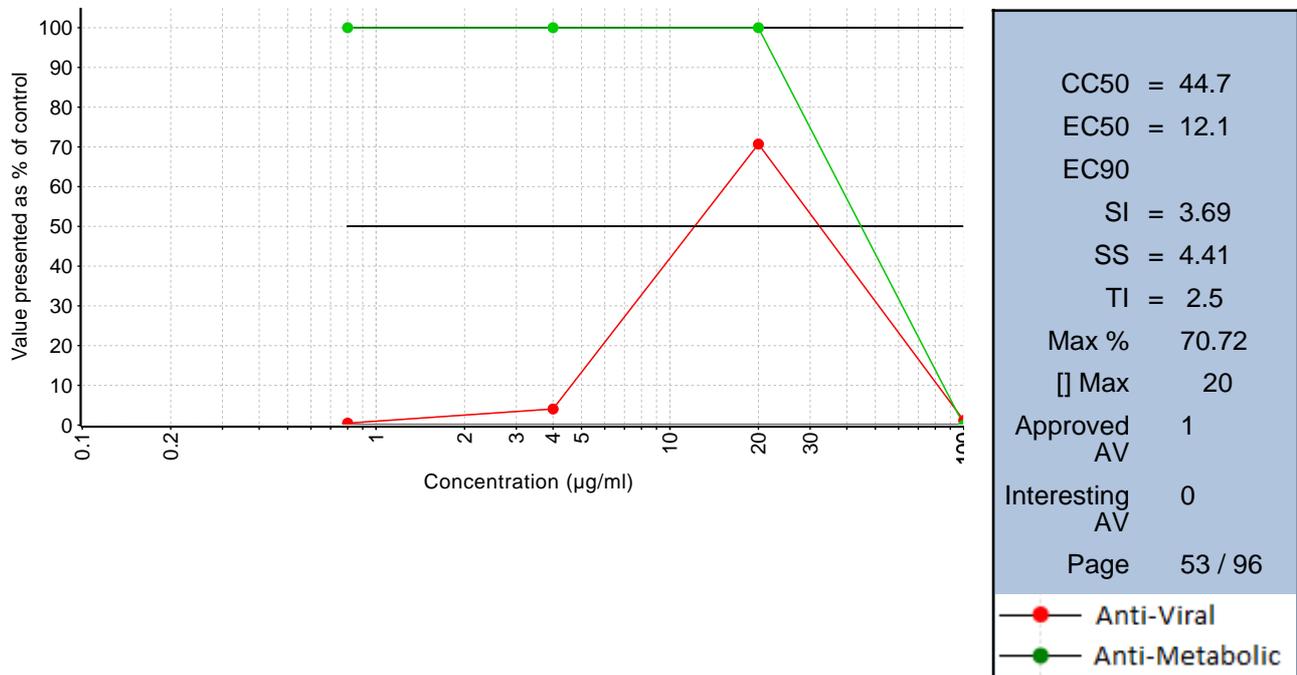
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 38.5	= 12.1	
Med.Abs.Dev.	6.21		
Mean	= 38.5	= 12.1	
Stdev.	8.78		

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0054	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 100
EC50 = 32.2
EC90
SI = 3.11
SS = 6.1
TI = 3.01
Max % 74.79
[] Max 60.3
Approved AV 1
Interesting AV 0
Page 54 / 96

— ● — Anti-Viral
— ● — Anti-Metabolic
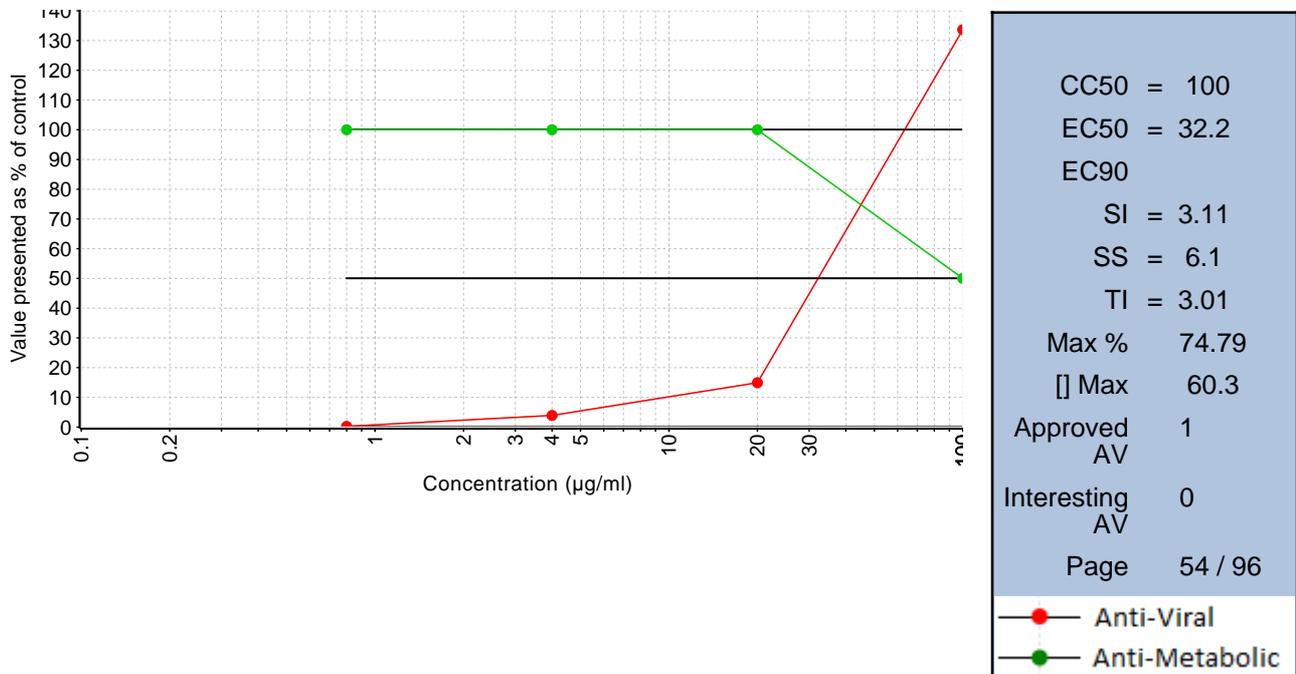
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	= 100	= 32.2	= 55.3
Med.Abs.Dev.			
Mean	= 100	= 32.2	= 55.3
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0055	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
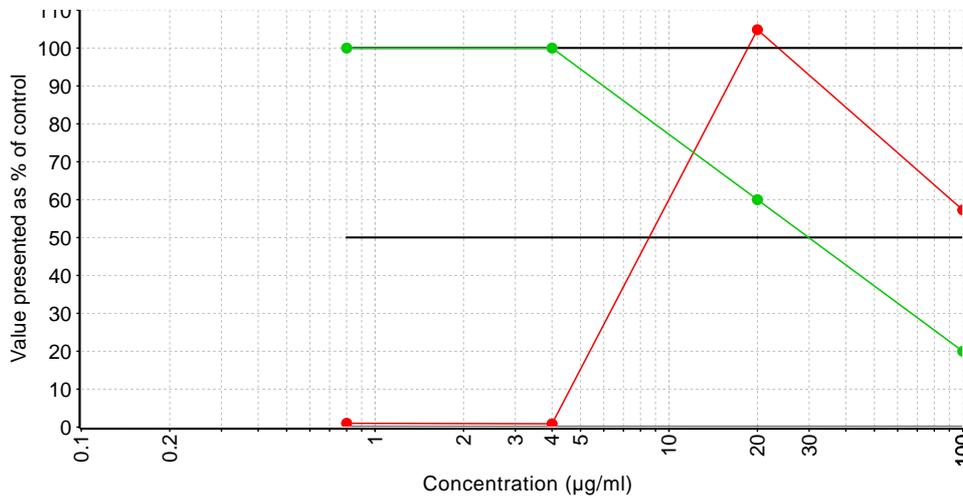
CC50	= 29.9
EC50	= 8.56
EC90	
SI	= 3.49
SS	= 5.64
TI	= 3.06
Max %	72.46
[] Max	15
Approved AV	1
Interesting AV	0
Page	55 / 96

Legend: Anti-Viral, Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 29.9	= 8.56	= 15.9
Med.Abs.Dev.			
Mean	= 29.9	= 8.56	= 15.9
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0056	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Chart axes:
- Y-axis: Value presented as % of control (0–100)
- X-axis: Concentration (µg/ml) (0.1 to 100)
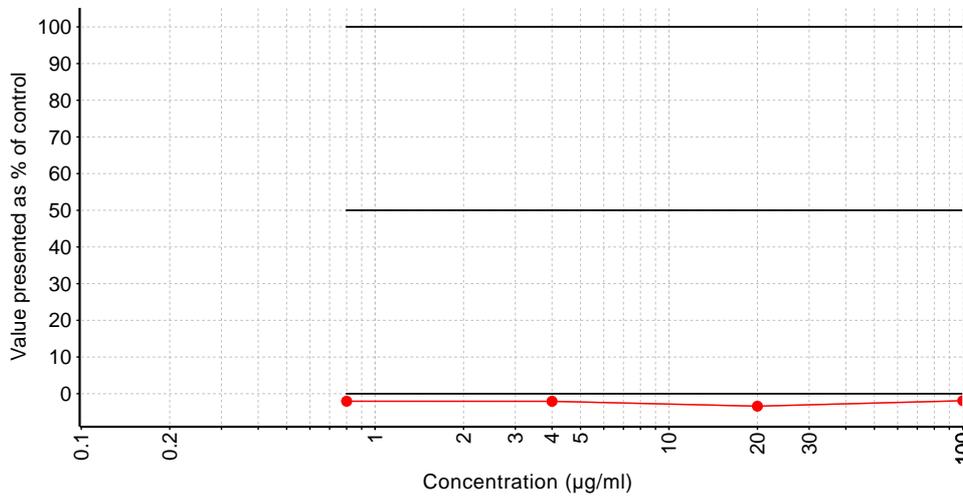
Summary panel:
- CC50$_{av}$
- EC50 > 100
- EC90 > 100
- SI$_{av}$
- SS$_{av}$
- TI$_{av}$
- Max %   -1.92
- [] Max   100
- Approved AV   1
- Interesting AV   0
- Page   56 / 96

Legend:
- Anti-Viral
- Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0057	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 > 100
EC50 = 36.7
EC90
SI > 2.73
SS > 6.69
TI > 2.92
Max % 76.67
[] Max 66.7
Approved AV 1
Interesting AV 0
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● Anti-Viral
● Anti-Metabolic
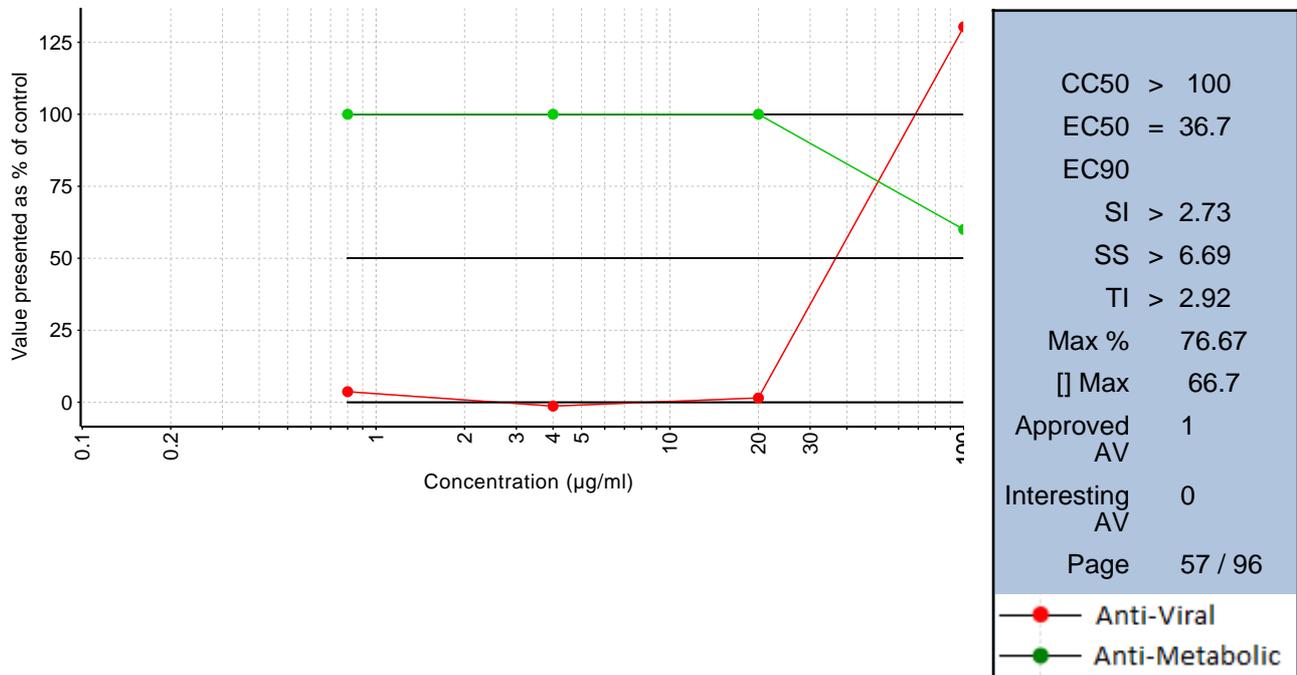
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 36.7	= 60.4
Med.Abs.Dev.			
Mean	> 100	= 36.7	= 60.4
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0058	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.
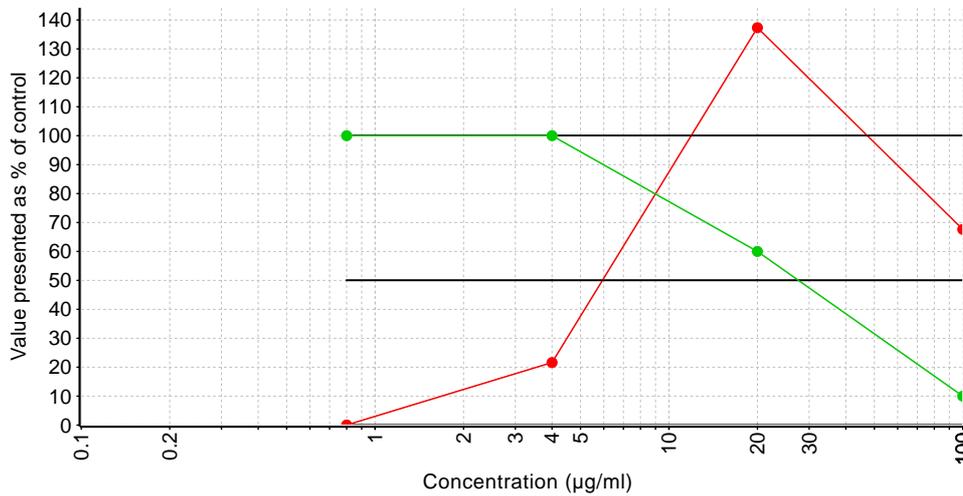
CC50 = 27.6
EC50 = 5.94
EC90
SI = 4.65
SS = 9.67
TI = 6.45
Max % 79.86
[] Max 12.1
Approved AV 1
Interesting AV 0
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— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 27.6	= 5.94	= 10.4
Med.Abs.Dev.			
Mean	= 27.6	= 5.94	= 10.4
Stdev.			

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0059	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

Needs more data.

CC50 = 100
EC50 = 40.2
EC90
SI = 2.49
SS = 3.95
TI = 1.56
Max % 69.91
[] Max 68.1
Approved AV 1
Interesting AV 0
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Anti-Viral
Anti-Metabolic
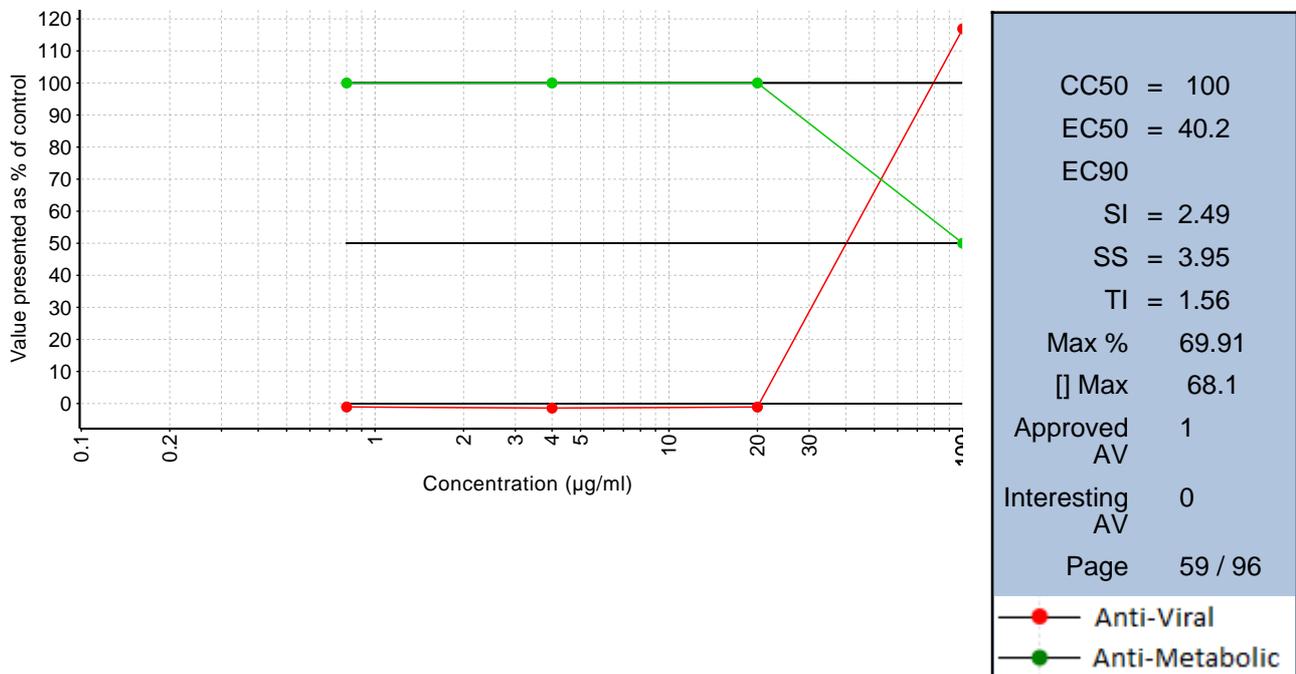
[Export chart data to CSV](#)

Summary values			
Statistic	CC50	EC50	EC90
Median	= 100	= 40.2	= 69.3
Med.Abs.Dev.			
Mean	= 100	= 40.2	= 69.3
Stdev.			

Compound	Virus			Cell			AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0060	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
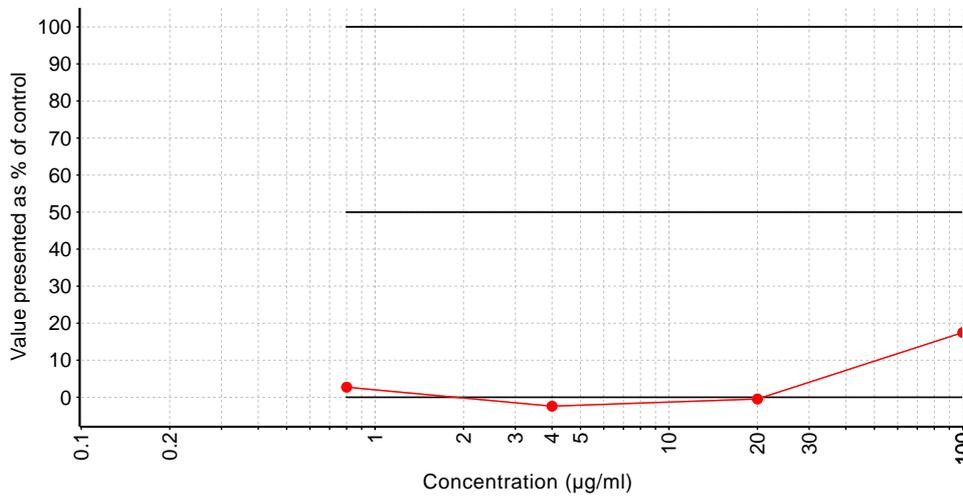
$CC50_{av}$	
EC50	> 100
EC90	> 100
SI_{av}	
SS_{av}	
TI_{av}	
Max %	17.47
[] Max	100
Approved AV	1
Interesting AV	0
Page	60 / 96

Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median		> 100	> 100
Med.Abs.Dev.			
Mean		> 100	> 100
Stdev.			

Repeated experiment on Chikungunya virus (select)

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0004	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 34.2
EC50 = 7.71
EC90
SI = 4.43
SS = 9.74
TI = 6.3
Max % 79.59
[] Max 14.9
Approved AV 2
Interesting AV 0
Page 4 / 79

Anti-Viral
Anti-Metabolic
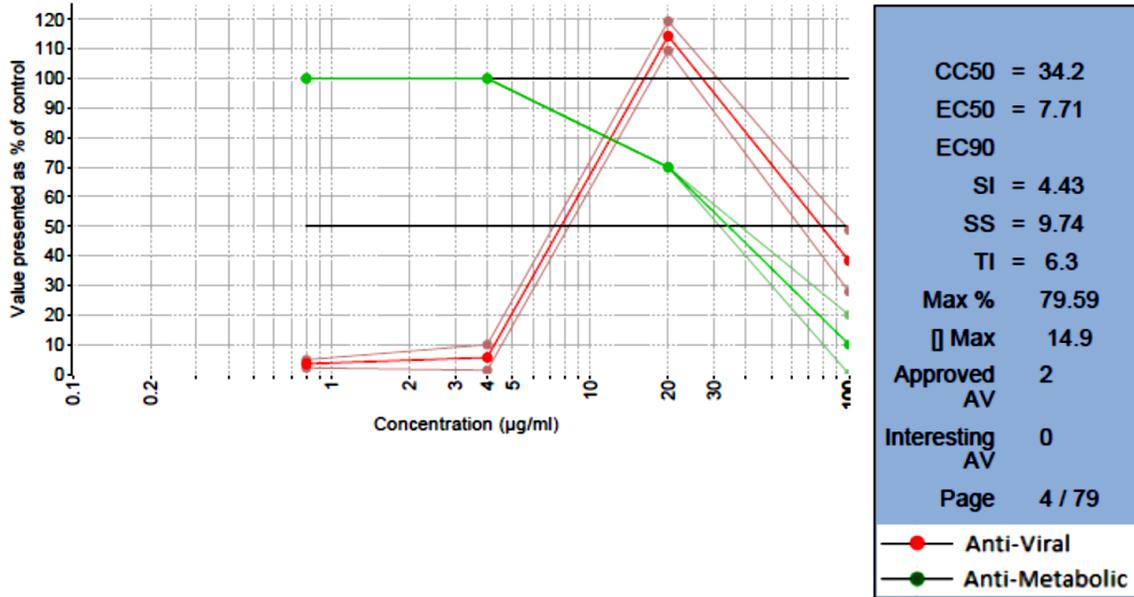
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 51.3	= 7.73	= 14
Med.Abs.Dev.	16.5	0.525	0.999
Mean	= 57.9	= 7.73	= 14
Stdev.	29.8	0.742	1.41

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0007	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 47.2
EC50 = 7.3
EC90 = 15
SI = 6.46
SS = 17.8
TI = 14.4
Max % 91.61
[] Max 17.4
Approved AV 2
Interesting AV 0
Page 7 / 79

● Anti-Viral
● Anti-Metabolic
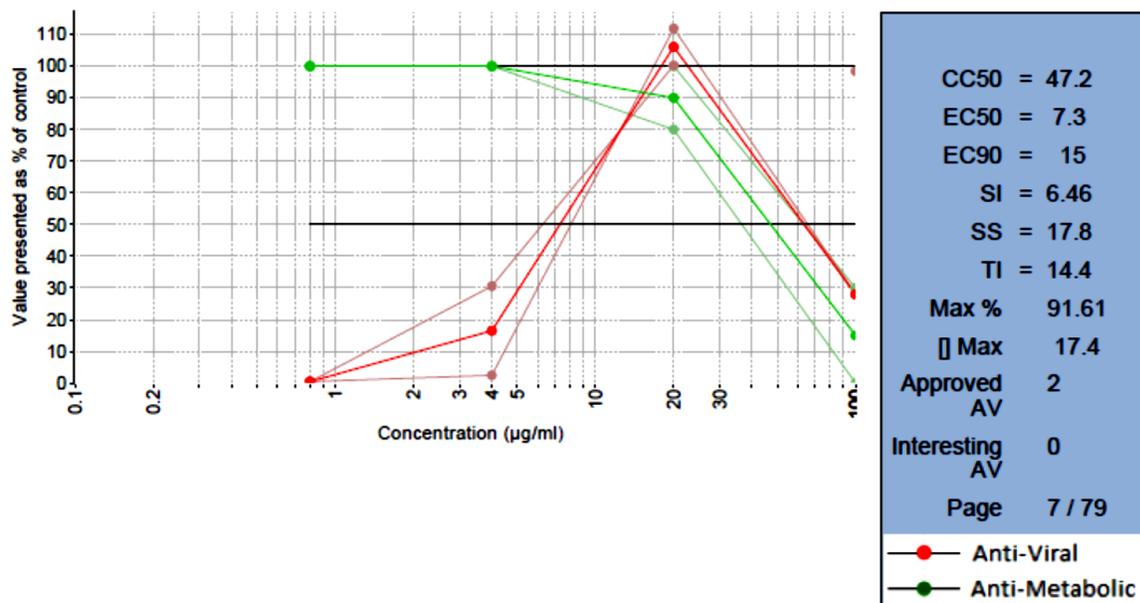
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 63.1	= 7.16	= 15.1
Med.Abs.Dev.	2.4	0.891	0.647
Mean	= 55.1	= 7.16	= 15.1
Stdev.	16.1	1.26	0.915

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0013	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
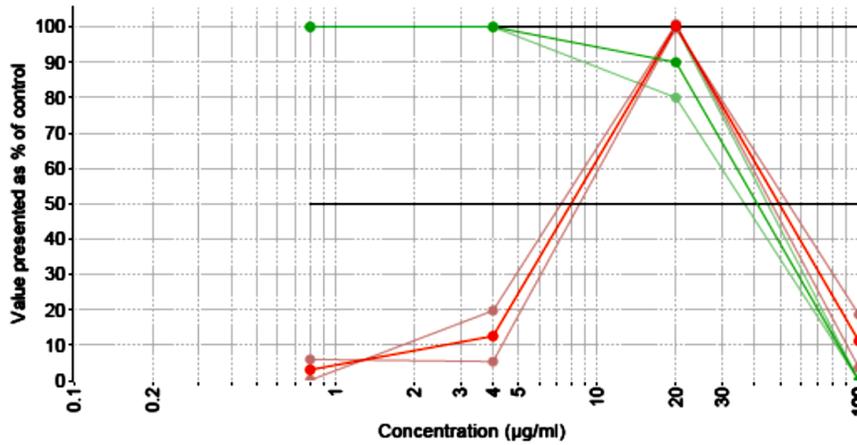
CC50 = 40.9
EC50 = 7.95
EC90 = 16.6
SI = 5.14
SS = 15.2
TI = 10.8
Max % 91.05
[] Max 18.3
Approved AV 2
Interesting AV 1
Page 13 / 79

— Anti-Viral
— Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 45.6	= 7.93	= 16.6
Med.Abs.Dev.	4.48	0.638	0.409
Mean	= 45.3	= 7.93	= 16.6
Stdev.	7.02	0.902	0.579

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0016	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 60.9
EC50 = 10.8
EC90
SI = 5.65
SS = 9.66
TI = 7.26
Max % 82.82
[] Max 20
Approved AV 3
Interesting AV 1
Page 1 / 72

— Anti-Viral
— Anti-Metabolic
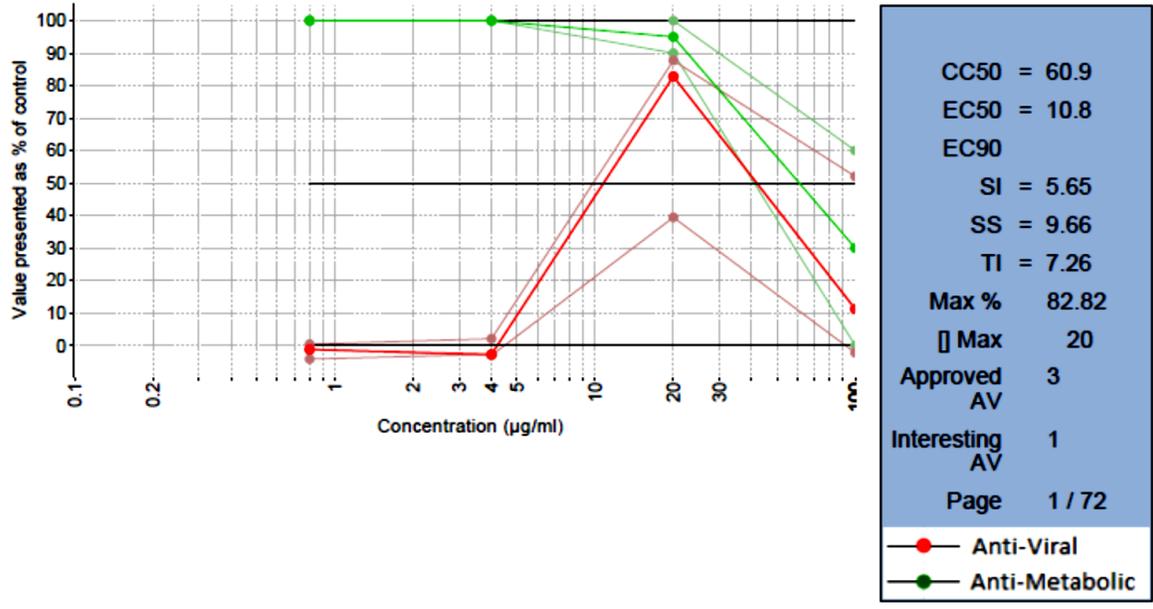
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 41.4	= 10.3	
Med.Abs.Dev.	0.466	0.472	
Mean	= 41.4	= 10.3	
Stdev.	0.659	0.667	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0019	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 40.9
EC50 = 9.52
EC90 = 19.6
SI = 4.3
SS = 12.8
TI = 8.08
Max % 90.10
[] Max 19.8
Approved AV 2
Interesting AV 0
Page 19 / 79

Anti-Viral
Anti-Metabolic
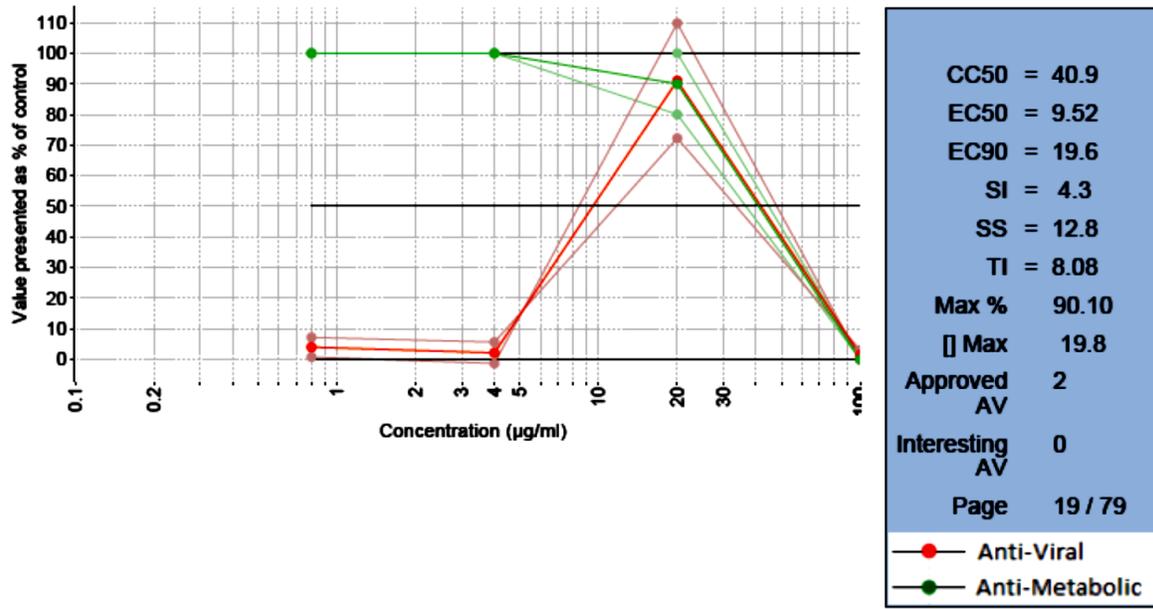
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 40.6	= 10.1	= 15
Med.Abs.Dev.	5.59	1.64	
Mean	= 40.7	= 10.1	= 15
Stdev.	6.77	2.31	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0022	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 58.5
EC50 = 35
EC90
SI = 1.67
SS = 0.164
TI = 0.0365
Max % 59.28
[] Max 63.4
Approved AV 3
Interesting AV 1
Page 2 / 72

Anti-Viral
Anti-Metabolic
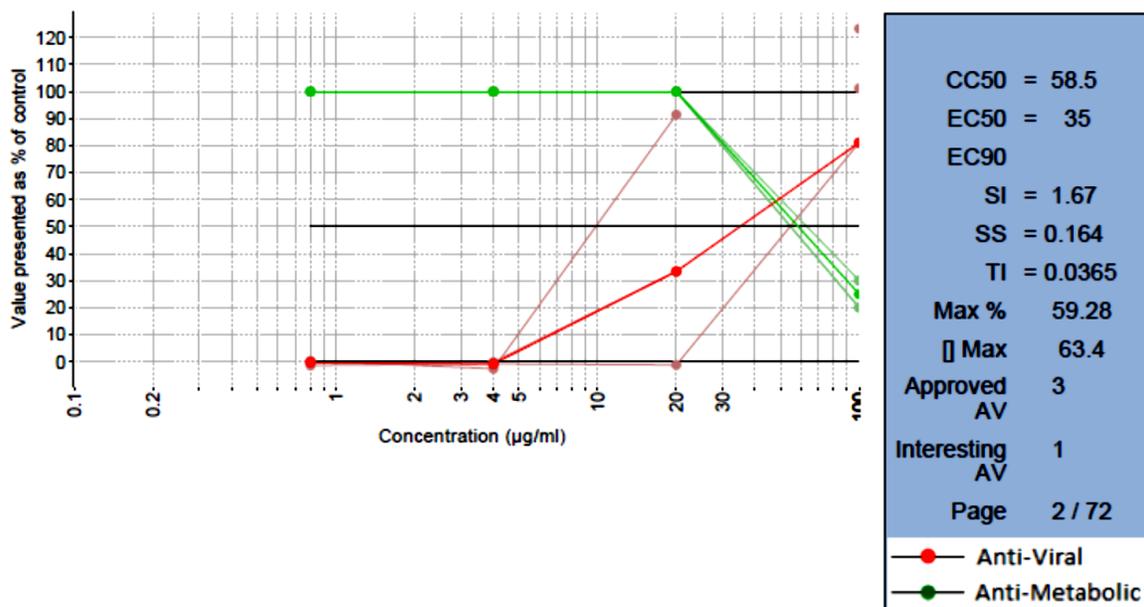
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 58.9	= 32.2	= 19.5
Med.Abs.Dev.	4.23	22.3	
Mean	= 58.9	= 32.2	= 19.5
Stdev.	4.88	31.6	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0025	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 47.2
EC50 = 8.26
EC90 = 15.8
SI = 5.72
SS = 16.4
TI = 12.4
Max %   91.33
[] Max   17.9
Approved AV   2
Interesting AV   2
Page   25 / 79

Anti-Viral
Anti-Metabolic
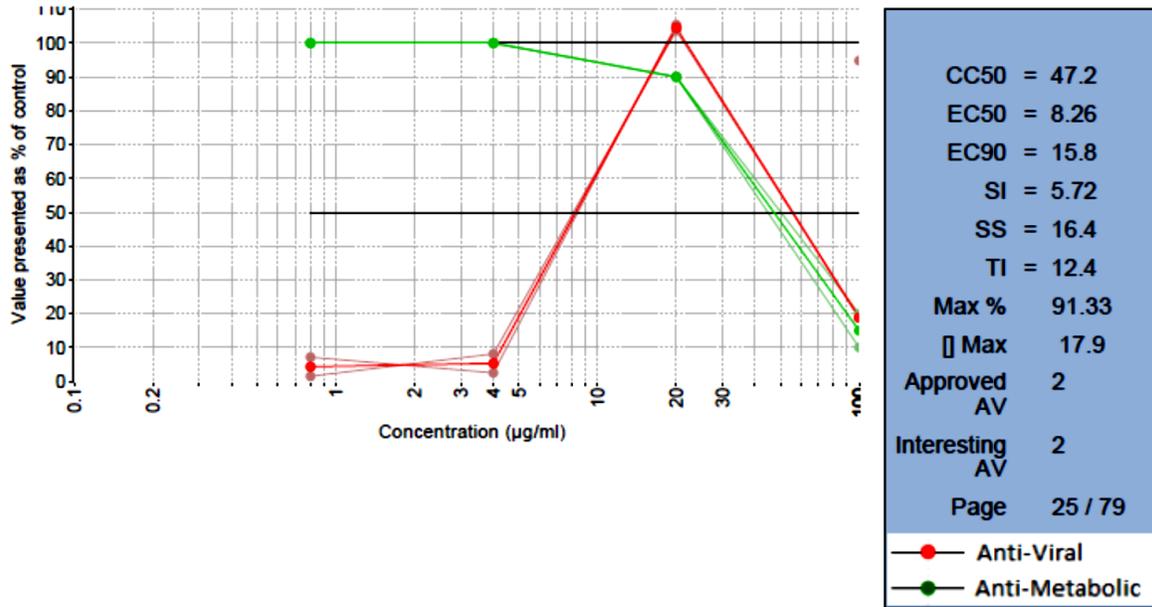
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 50.2	= 8.25	= 15.8
Med.Abs.Dev.	5.21	0.155	0.0801
Mean	= 50.1	= 8.25	= 15.8
Stdev.	5.33	0.219	0.113

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0028	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 69
EC50 = 9.35
EC90 = 19.5
SI = 7.38
SS = 21.7
TI = 18.8
Max % 92.42
[] Max 29.3
Approved AV 2
Interesting AV 1
Page 28 / 79

Anti-Viral
Anti-Metabolic
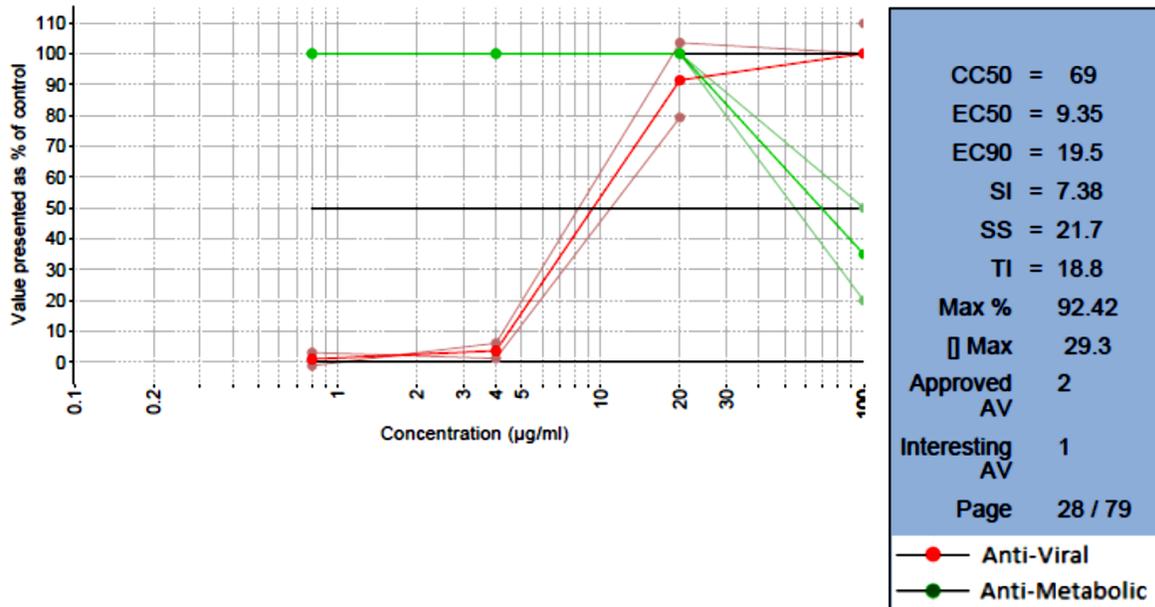
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 77.3	= 9.59	= 16
Med.Abs.Dev.	22.7	1.34	
Mean	= 77.3	= 9.59	= 16
Stdev.	32	1.89	

| Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0034	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring
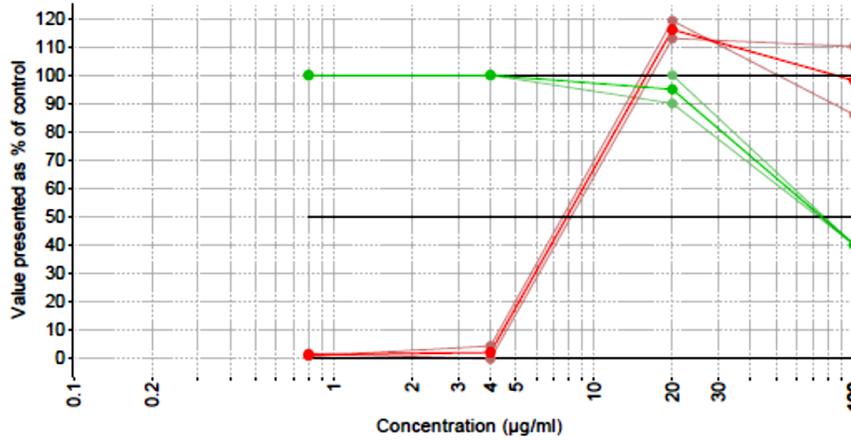
CC50 = 74.6
EC50 = 7.87
EC90 = 13.8
SI = 9.48
SS = 23.6
TI = 23.1
Max % 95.89
[] Max 17.2
Approved AV 2
Interesting AV 2
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Anti-Viral
Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 74.5	= 7.88	= 13.9
Med.Abs.Dev.	2	0.294	0.576
Mean	= 74.5	= 7.88	= 13.9
Stdev.	2.82	0.416	0.815

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_00 46	Chikun gunya virus	No Type	899	Vero	A	Absorb ance	MTS - 498nm	Microsc opy	Tox scoring
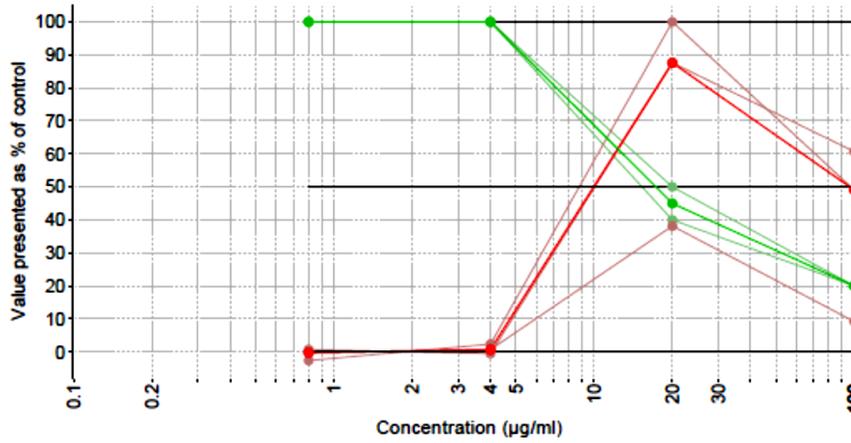
CC50 = 17.3
EC50 = 9.97
EC90
SI = 1.73
SS = 1.37
TI = 0.328
Max % 61.51
[] Max 15.2
Approved AV 3
Interesting AV 0
Page 3 / 72

● Anti-Viral
● Anti-Metabolic

Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 20	= 9.42	= 17
Med.Abs.Dev.	4.71	0.647	
Mean	= 44.1	= 9.42	= 17
Stdev.	45.9	0.915	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0048	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 17.3
EC50 = 13.5
EC90
SI = 1.28
SS = 0.249
TI = 0.0271
Max % 54.59
[] Max 17.2
Approved AV 3
Interesting AV 0
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Anti-Viral
Anti-Metabolic
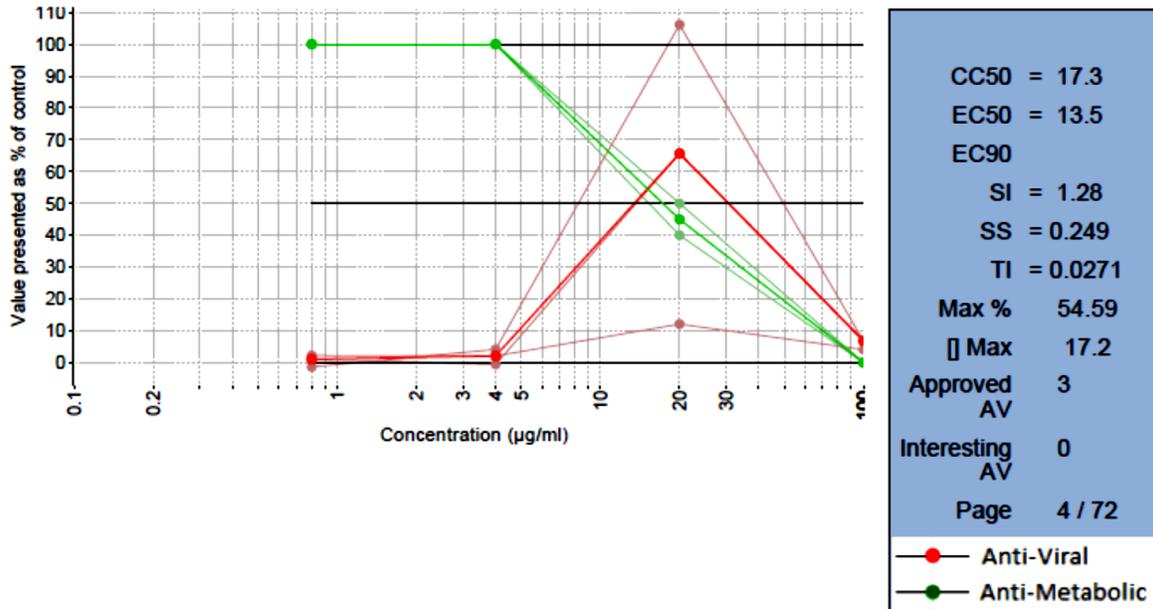
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 25.4	= 11	= 15.5
Med.Abs.Dev.	7.72	2.71	
Mean	= 28.9	= 11	= 15.5
Stdev.	15.3	3.83	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0049	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 86.4
EC50 = 53.7
EC90
SI = 1.61
SS = 0.916
TI = 0.189
Max % 58.87
[] Max 79.8
Approved AV 3
Interesting AV 0
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● Anti-Viral
● Anti-Metabolic
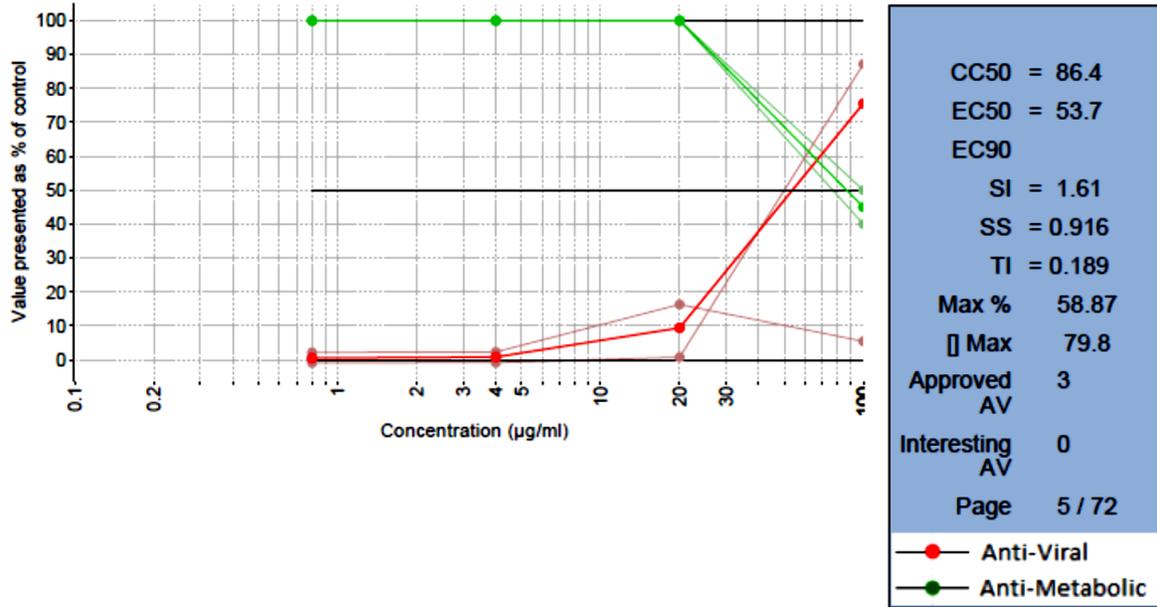
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 88.2	= 51.9	> 100
Med.Abs.Dev.	11.8	1.84	
Mean	= 88.2	= 51.9	> 100
Stdev.	16.6	2.6	

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVAR IE1_0058	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 = 29.9
EC50 = 6.95
EC90
SI = 4.3
SS = 9.15
TI = 5.8
Max % 78.80
[] Max 13.7
Approved AV 2
Interesting AV 0
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● Anti-Viral
● Anti-Metabolic
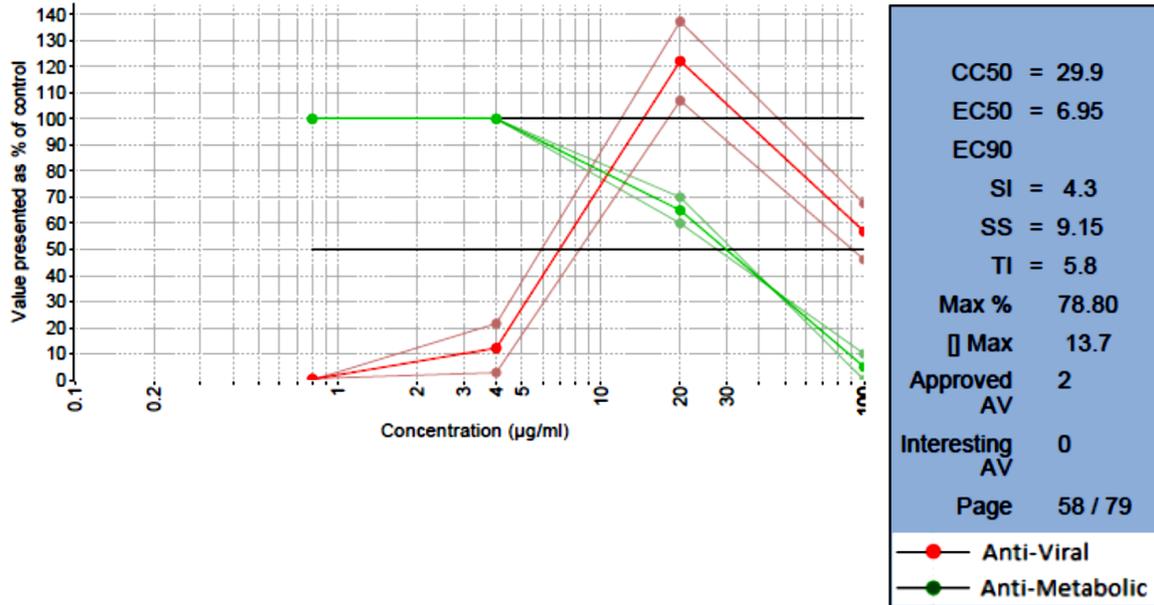
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	= 31.7	= 7.11	= 12.9
Med.Abs.Dev.	4.08	1.18	2.51
Mean	= 49.8	= 7.11	= 12.9
Stdev.	35	1.66	3.55

Compound	Virus			Cell		AV Method		AM Method	
Primary code	Species	Type	Strain	Type	Subtype	Method	Type	Method	Type
BAVARIE1_0100	Chikungunya virus	No Type	899	Vero	A	Absorbance	MTS - 498nm	Microscopy	Tox scoring

CC50 > 100
EC50 = 42.8
EC90
SI > 2.34
SS > 6.17
TI > 2.28
Max % 77.91
[] Max 78.9
Approved AV 2
Interesting AV 0
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— Anti-Viral
— Anti-Metabolic
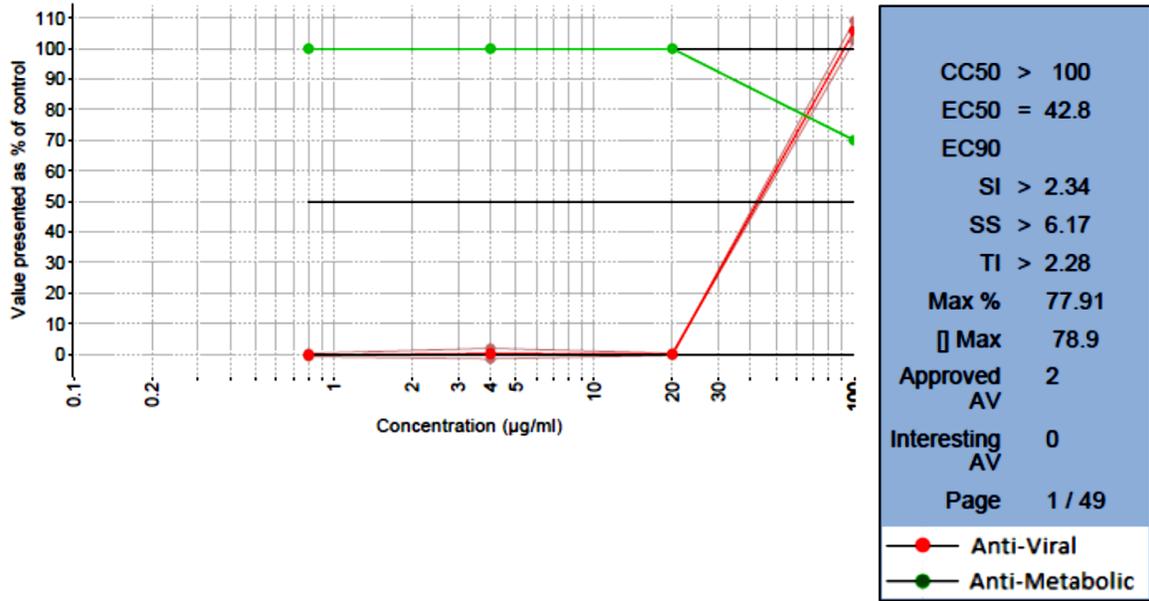
Export chart data to CSV

Summary values			
Statistic	CC50	EC50	EC90
Median	> 100	= 42.8	= 78.8
Med.Abs.Dev.		0.9	3.28
Mean	> 100	= 42.8	= 78.8
Stdev.		1.27	4.64