

Supplementary Material
to
Tilorone and Cridanimod Protect Mice and Show Antiviral Activity in Rats Despite
Absence of the Interferon-Inducing Effect in Rats

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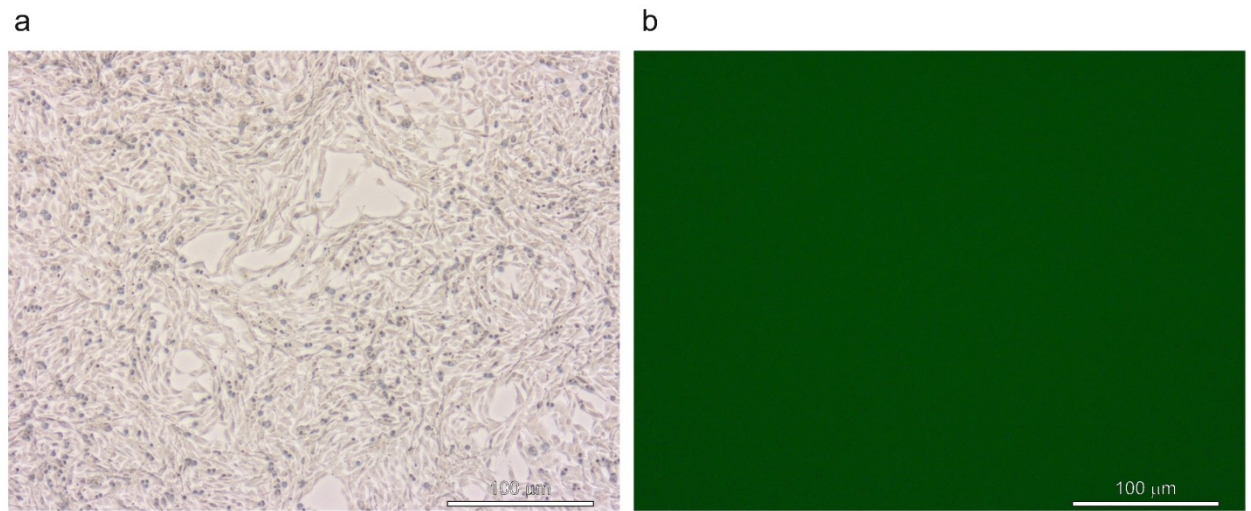


Figure S1. Control uninfected BHK-21 cells. **(a)** Image in white light. **(b)** Image in blue light to excite GFP. The same field as in panel **(a)**. Magnification 50X.

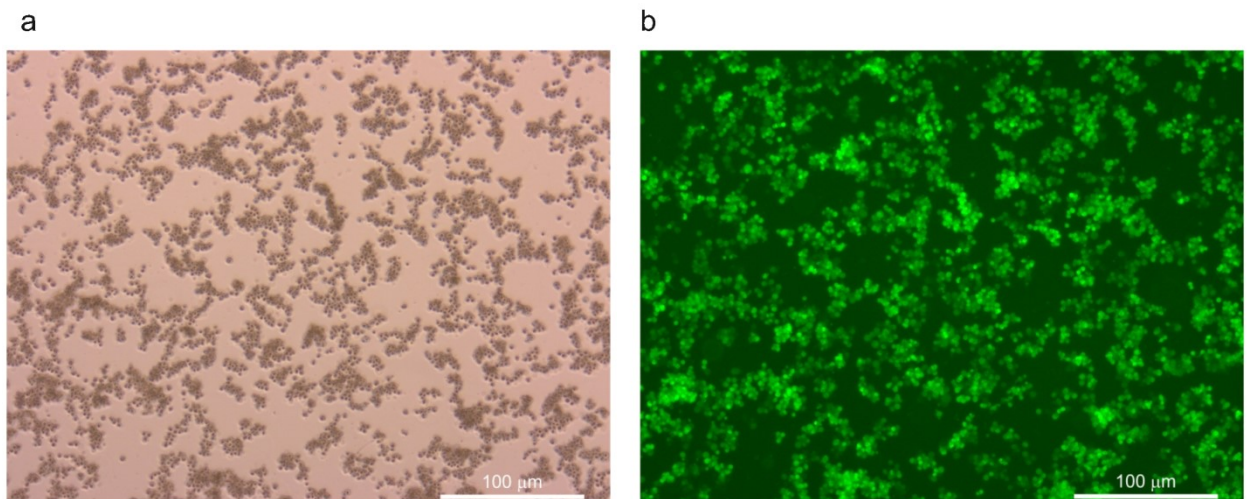


Figure S2. Pictures of the BHK-21 cell culture at 72 hours after transfection with a molecular infectious clone to rescue the cTC-83/TrD-GFP virus. **(a)** Image in white light. Cytopathic effect (CPE) is clearly visible. **(b)** GFP fluorescence in the same culture shown in panel **(a)**, the same microscopic field is shown in blue light. Magnification 50X.

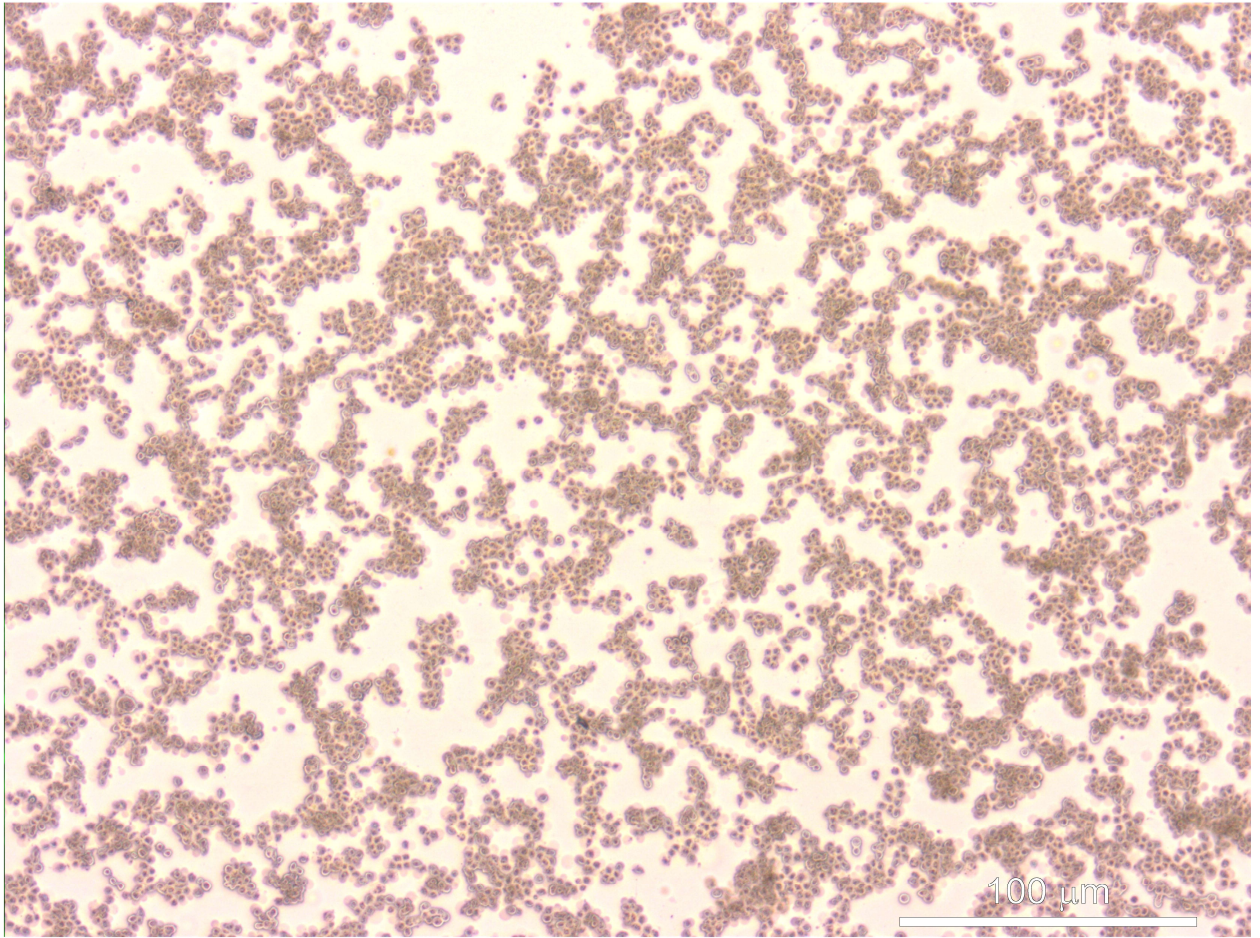


Figure S3. Cytopathic effect (CPE) in BHK-21 cells infected with the cTC-83 virus. Image in white light was taken on day 3 after transfection with a molecular infectious clone to rescue the cTC-83 virus. Magnification 50X.

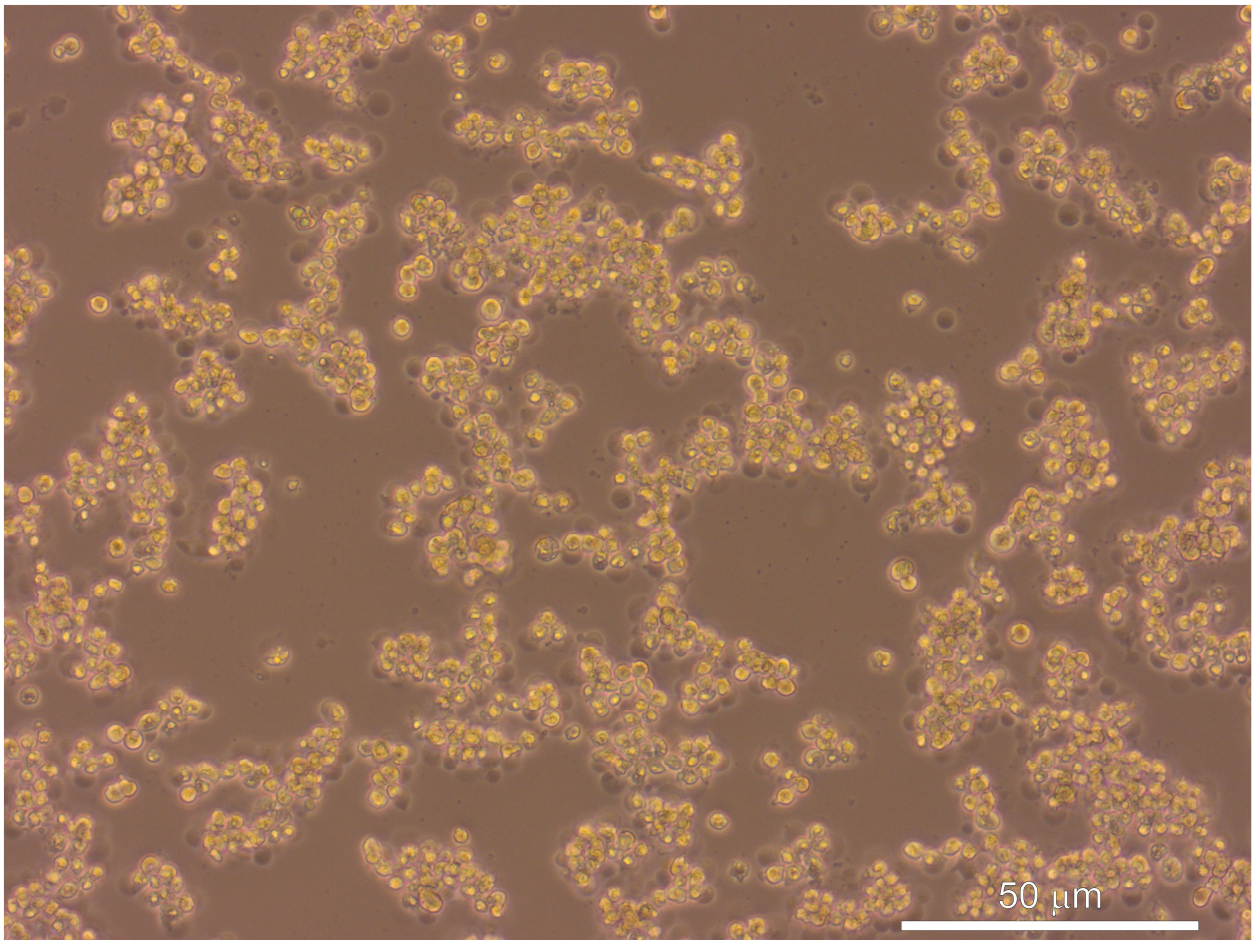


Figure S4. Cytopathic effect (CPE) in BHK-21 cells infected with the cTC-83/TrD virus. Image in white light was taken on day 3 after transfection with a molecular infectious clone to rescue the cTC-83/TrD virus. Magnification 100X.

Figure S5. Nucleotide sequence of the cTC-83 molecular infectious clone

LOCUS cTC-83 16682 bp DNA circular 10-JAN-2022

SOURCE

ORGANISM

FEATURES Location/Qualifiers

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Figure S6. Nucleotide sequence of the cTC-83/TrD molecular infectious clone

LOCUS cTC-83_TrD 16682 bp DNA circular 10-JAN-2022

SOURCE

ORGANISM

FEATURES Location/Qualifiers

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//

Figure S7. Nucleotide sequence of the cTC-83/TrD-GFP molecular infectious clone

LOCUS cTC-83_TrD-GFP 17540 bp DNA circular 10-JAN-2022

SOURCE

ORGANISM

FEATURES Location/Qualifiers

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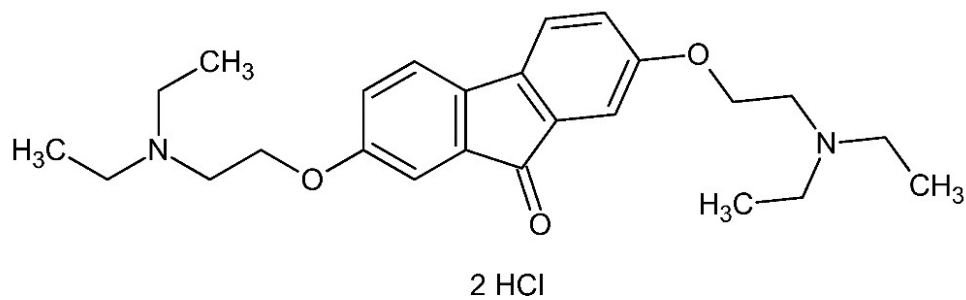
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2,7-bis[2-(diethylamino)ethoxy]fluoren-9-one hydrochloride

Tilorone

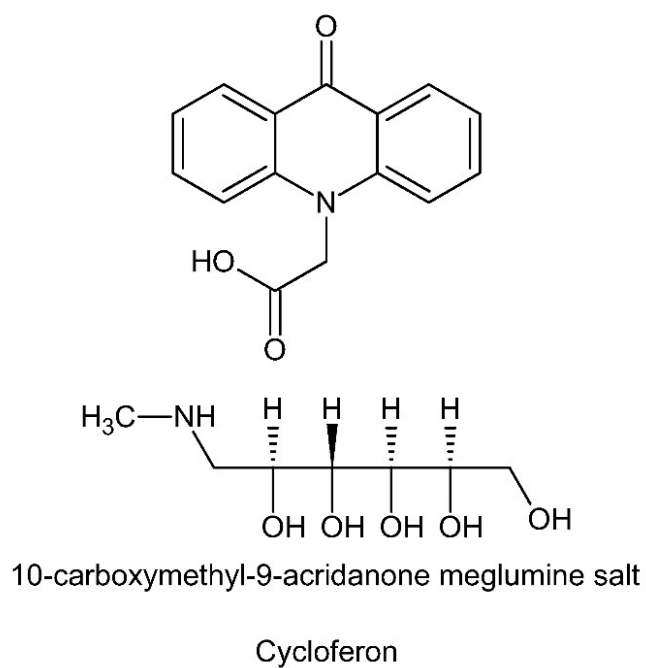


Figure S8. Chemical structures of Tilorone and Cridanimod.

Table S1. Data for calculation of LD50 for the TC-83/TrD virus ¹

Virus dilution	Mice in group	Numbers dead (+) or alive (-)		Cumulative sums		Cumulative percent of dead
		+	-	+	-	
1:10	10	10	0	48	0	100
1:10 ²	10	10	0	38	0	100
1:10 ³	10	8	2	28	2	93
1:10 ⁴	10	8	2	20	4	83
1:10 ⁵	10	8	2	12	6	67
1:10 ⁶	10	4	6	4	12	25
1:10 ⁷	10	0	10	0	22	0
1:10 ⁸	10	0	10	0	32	0
1:10 ⁹	10	0	10	0	42	0
1:10 ¹⁰	10	0	10	0	52	0

¹ Comments: Adult mice were infected with the TC-83/TrD virus using subcutaneous route and inoculum volume 100 ul. The titer in LD50 units is 2.5×10^6 . The same sample titer in PFU is 2.5×10^7 PFU/ml, translating into 1 LD50 = 10 PFU.