

Figure 1

Figure 1B

Cy3-ODN
internalization (%)

12h	24h	
	100	73
	75	68
	80	98
	50	100
	60	97
	98	99
	67	74
	71	75
	67	57
	50	80
	33	88
	50	97
	95	76
	71	94
	50	92
	48	84
	43	82

Figure 1E (upper panel)

Inhibitory Neurons

Cy3-area (nucleus) / Cy3-
area (cytosol)

ODN/veh	ODN/4AP
0.4232	0.6813
0.2887	0.1973
0.0000	0.0597
0.0000	0.6287
0.0000	1.4871
0.0000	1.3467
0.2080	1.3278
0.1693	0.4810
0.0382	0.5683
0.4169	0.0550
0.7149	0.1204
0.6115	0.4328
0.0917	1.4009
0.2956	0.1399
0.2497	0.5597
0.2177	0.2090
0.5061	0.7482
0.0000	0.2036
0.0653	0.5033
0.1512	1.5633
0.0314	0.7394
0.0950	0.6128
0.8051	0.5884
0.7600	1.0270
0.2733	0.5290
0.0000	0.8977
0.0385	0.9030
0.0675	0.5471
0.0225	0.4175
0.5376	0.5087
0.7670	0.3934
0.1130	0.9077
0.1899	0.6944
	0.3384

Figure 1E (lower panel)

Excitatory Neurons

Cy3-area (nucleus) / Cy3-
area (cytosol)

ODN/veh	ODN/4AP
0.2186	0.5185
0.4938	0.6179
0.0300	0.3832
0.0420	0.5473
0.5763	0.5207
0.0340	0.9376
0.2926	0.5838
0.0450	0.0566
0.0227	0.5014
0.1401	0.5253
0.2021	0.2138
0.3611	0.3311
0.5771	0.6673
0.2761	0.3207
0.4761	0.5632
0.5865	0.9700
0.1213	0.5520
0.0525	0.5463
0.5205	0.6813
0.2431	0.2592
0.0543	0.6894
0.5508	1.1568
0.0343	0.5701
0.4047	0.5023
0.1230	1.5038
	1.4000
	0.2544
	0.4563
	0.4028
	0.2155
	0.2609
	0.5399

N	17	17	33	34	25	32
Media	65.21	84.35	0.25	0.64	0.26	0.57
SD	19.89	12.66	0.26	0.41	0.21	0.32
SE	4.82	3.07	0.04	0.07	0.04	0.06

Figure 1

Figure 1 B	
Unpaired t test	
P value	0.0021
P value summary	**
Significantly different (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=3,349, df=32

Figure 1 E (<i>upper panel</i>)				
Mann-Whitney's U-test				
n=34	n=35	Significant	Summary	P Value
ODN:veh	ODN:4AP	Yes	***	<0.0001

Figure 1 E (<i>lower panel</i>)				
Mann-Whitney's U-test				
n=25	n=31	Significant	Summary	P Value
ODN:veh	ODN:4AP	Yes	***	<0.0001