

A modular click ligand-directed approach to label endogenous dopamine D₁ receptors in live cells

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SUPPLEMENTARY DATA 5

Microscopy data

D5.1. Correlation D1-Venus/Dy647

D1-Venus	Dy647		D1-Venus	Dy647		D1-Venus	Dy647
-301	-525		4804	2368		243	129
-25	484		-101	-91		-769	-603
327	41		-54	-34		526	474
10464	5545		155	125		117	-398
13678	6686		2403	2477		4535	1849
17184	6738		2921	2680		5175	1712
11162	4832		3204	2030		1910	862
7403	3696		2820	3572		7940	1899
8193	4680		1735	760		4303	920
9282	4100		1409	434		7101	2218
3679	2559		2964	1310		4305	1806
8277	4082		1743	744		1988	515
4536	2130		4801	1926		2878	1290
4839	1767		2416	1075		2833	1809
5556	2284		3043	1481		2549	993
5524	3992		2469	1892		4363	2065
7090	4145		838	267		3449	1248
8197	2906		2061	584			

S5.2. Internalisation assay

Vehicle									
time (min)	n=1	n=2	n=3	n=4	n=5	n=6	n=7	n=8	n=9
0	100	100	100	100	100	100	100	100	100
10	100	106	102	102	93	83	112	84	164
20	106	104	96	111	78	81	75	86	152
30	92	109	89	103	84	91	94	83	124
45	78	95	100	110	96	88	122	77	102
SKF81297									
time (min)	n=1	n=2	n=3	n=4	n=5	n=6	n=7	n=8	n=9
0	100	100	100	100	100	100	100	100	100
10	87	72	87	79	63	45	72	68	64
20	85	70	69	105	99	77	74	68	61
30	78	62	71	86	92	69	67	73	55
45	77	69	56	54	73	65	61	60	52