

Supplementary Table 1.

Configuration	Photoactivated	Bath	Duration OT1	Fraction OT1	Duration OT2	Fraction OT2	Duration OT3	Fraction OT3	n
cell-attached	-	-	0.28±0.08	0.35±0.14	2.7±0.9	0.42±0.10	10.4±4.0	0.23±0.12	14
cell-attached	+	-	0.49±0.12	0.30±0.08	7.4±4.6	0.44±0.17	29.3±22.3	0.26±0.17	11
inside-out	+	-	0.38±0.12	0.30±0.12	5.5±2.9	0.37±0.11	19.8±8.0	0.33±0.17	8
inside-out	+	5 mM CDX	0.60±0.01	0.38±0.11	10.0±7.7	0.42±0.06	56.7±32.8	0.20±0.06	3
Configuration	Photoactivated	Bath	Duration CT1	Fraction CT1	Duration CT2	Fraction CT2	Duration CT3	Fraction CT3	n
cell-attached	-	-	0.20±0.05	0.51±0.11	2.1±1.0	0.25±0.11	10.4±3.9	0.26±0.06	14
cell-attached	+	-	0.19±0.05	0.67±0.12	1.9±1.1	0.25±0.08	15.0±8.4	0.08±0.06	11
inside-out	+	-	0.23±0.04	0.58±0.10	1.9±1.0	0.34±0.09	15.7±4.8	0.08±0.02	8
inside-out	+	5 mM CDX	0.19±0.01	0.72±0.10	2.2±0.7	0.23±0.10	20.7±4.4	0.05±0.01	3

Supplementary Table 1. The results of the analysis of open and closed duration histograms from data obtained under various experimental conditions. The columns in the Table list, respectively, the configuration of the recording, whether the recording was carried out before (-) or after (+) photoactivation, the presence or absence of modulators (CDX) in the bath, the mean durations (in ms) and fractions of the three open or closed time components, and the number of recordings in given conditions. Photoactivation of C2-NBD 3 α 5 α P tended to increase the mean duration of the OT2 and OT3 components, and to reduce the fraction of CT3. These findings suggest that photoactivated C2-NBD 3 α 5 α P acts similarly to untreated neuroactive steroids. CDX is methyl- β -cyclodextrin.