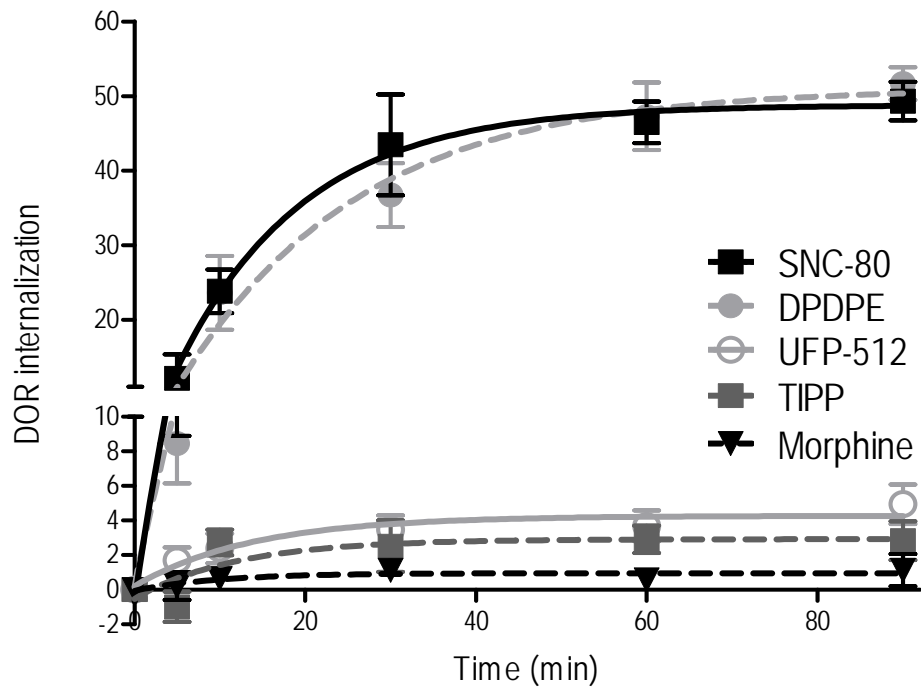


Supplementary Table 1. Statistical comparison of functional affinities (KA) calculated from cyclase and internalization responses by different DOR agonists

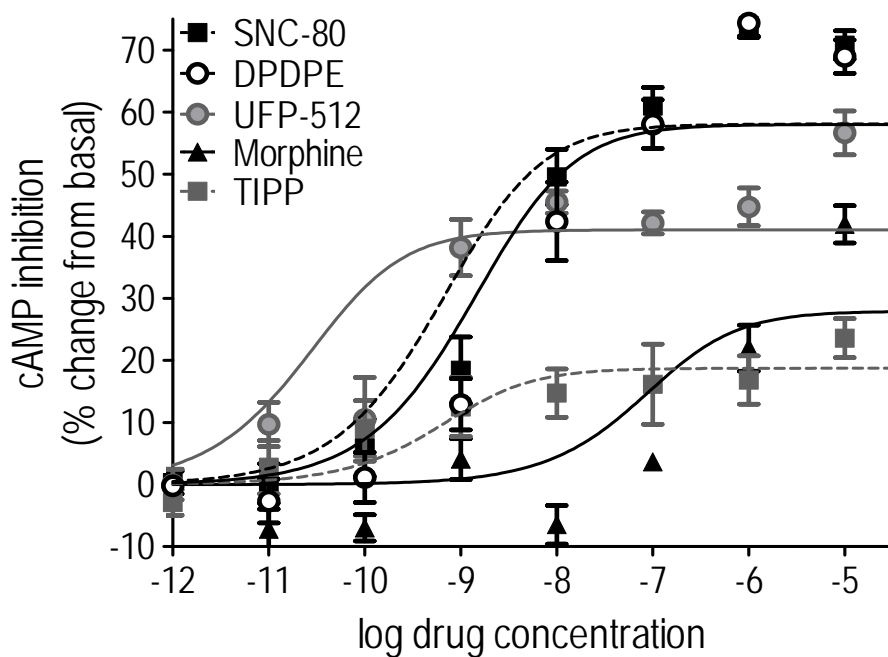
	cAMP inhibition	Internalization		
	log KA \pm SEM		log KA \pm SEM	p values [†]
SNC-80 (n=9)	-6.58 \pm 0.53	SNC-80 (n=12)	-4.28 \pm 0.33	< 0.001
DPDPE (n=8)	-6.38 \pm 0.13	DPDPE (n=11)	-6.12 \pm 0.11	ns
UFP-512 (n=7)	-8.82 \pm 0.18	UFP-512 (n=10)	-6.85 \pm 0.23	< 0.001
TIPP (n=6)	-9.51 \pm 0.46	TIPP (n=9)	-7.84 \pm 0.33	< 0.01

[†] KA values were compared by means of two-way ANOVA. Analysis revealed an effect of drug ($p < 0.0001$), an effect of response ($p < 0.0001$) and an interaction ($p < 0.05$). p values shown in the table correspond to subsequent comparisons by means of Bonferroni post-hoc tests.

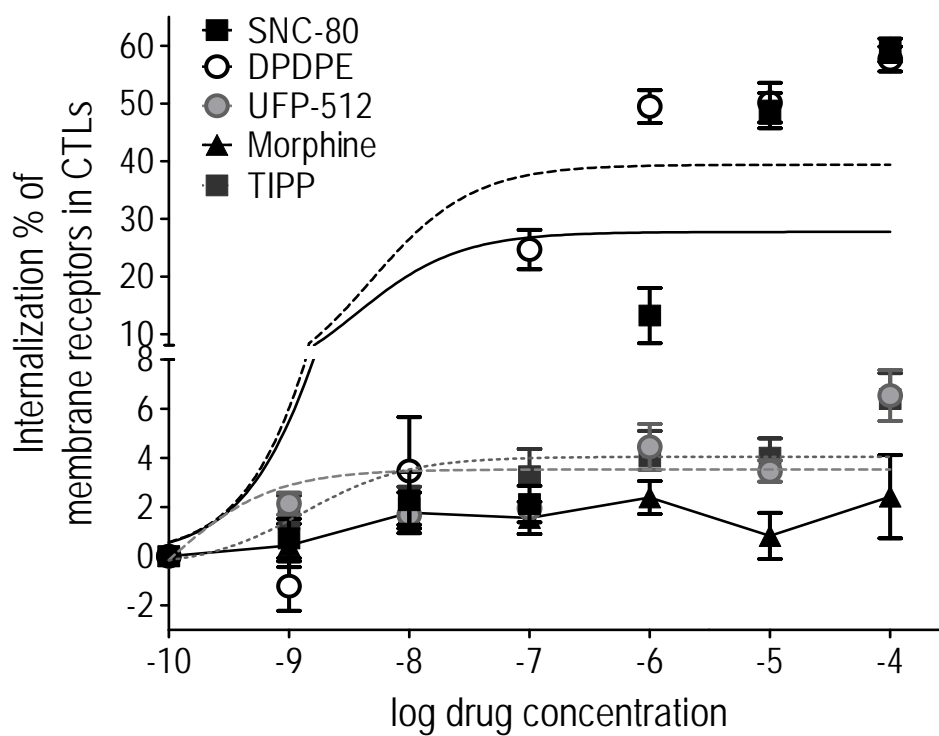


Supplementary Figure 1

A



B



Supplementary figure 2