

Supporting Information

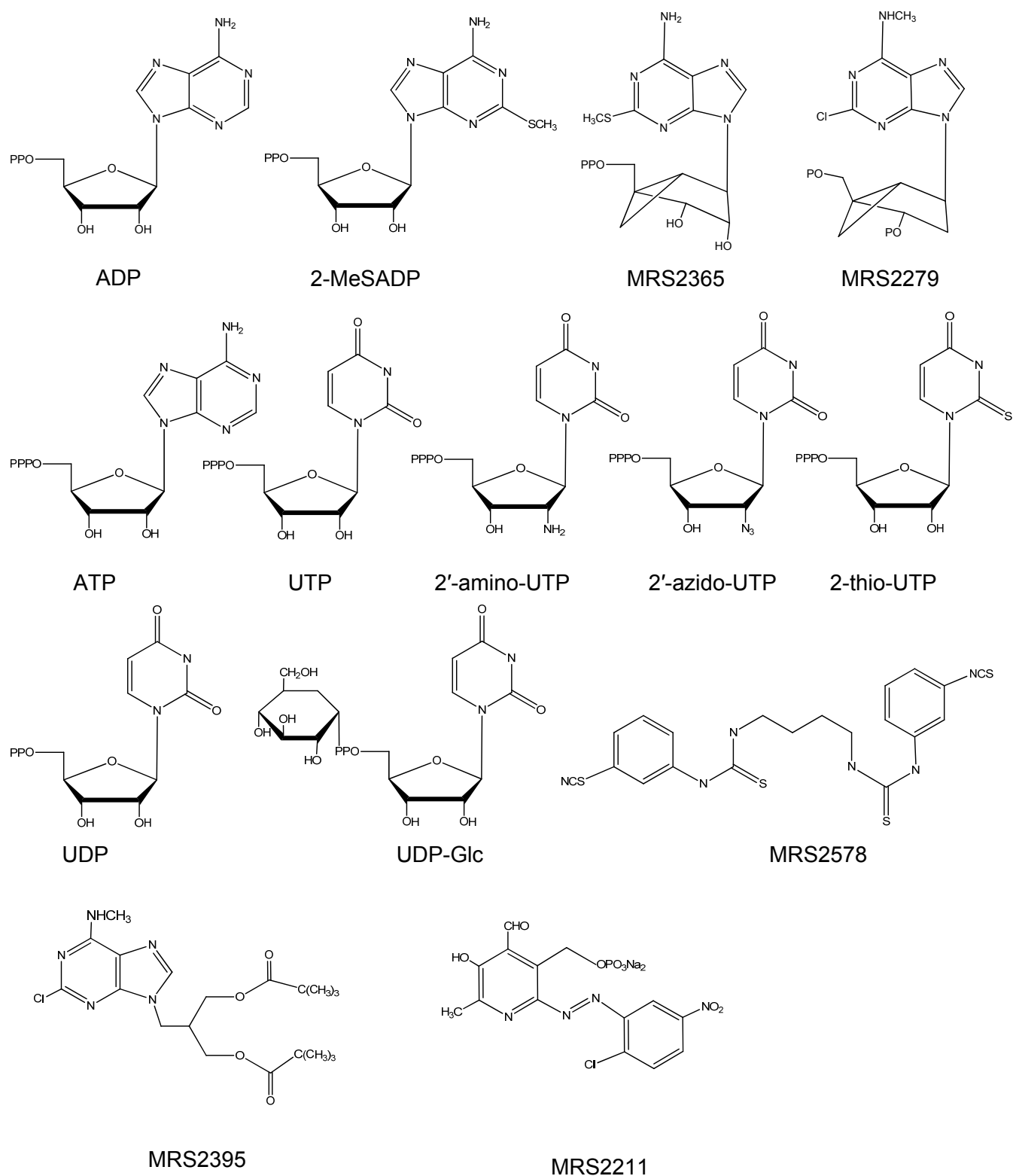


Figure S1 Structures of the ligands used.

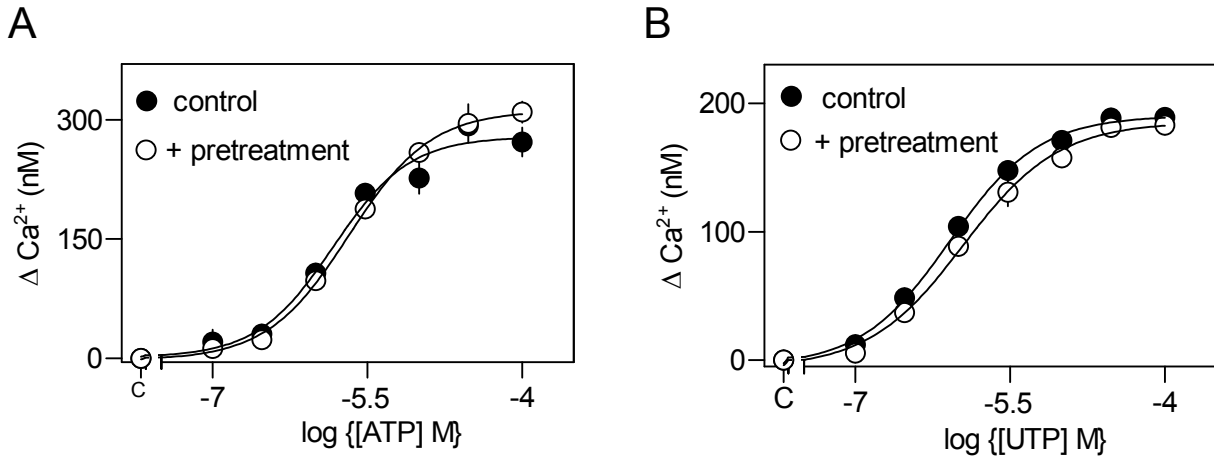


Figure S2 Effects of an ATP/UTP-regenerating system on responses to ATP and UTP. Concentration-dependent effects of ATP (A) and UTP (B) on $[Ca^{2+}]_i$ in ASMC in HBS alone or after pretreatment of cells and ligands with an ATP/UTP-regenerating system (as described in the text).

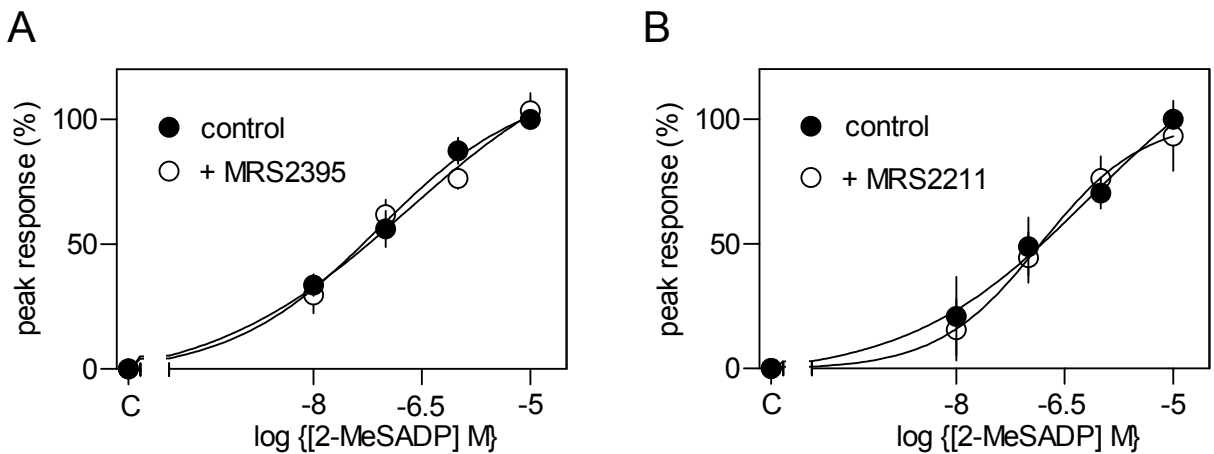


Figure S3 Effects of MRS2395 and MRS2211 on the Ca^{2+} signals evoked by 2-MeSADP. Concentration-dependent effects of 2-MeSADP on $[Ca^{2+}]_i$ alone or in the presence of MRS2395 (30 μ M, A) or MRS2211 (10 μ M, B). Results are expressed as percentages of the maximal response to 2-MeSADP alone.

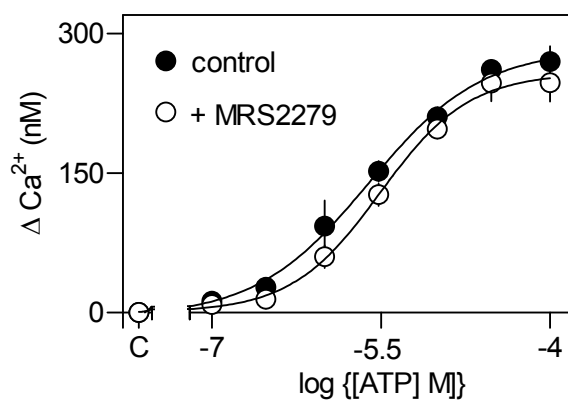


Figure S4 Effects of MRS2279 on the Ca²⁺ signals evoked by ATP. Concentration-dependent effects of ATP on [Ca²⁺]_i alone or with MRS2279 (3 μM).

Table S1 Primers used for quantitative PCR

Gene	Qiagen code	Catalogue number
P2Y1	Pn_P2ry1_2SG	QT01084587
P2Y2	Rn_P2ry2_2_SG	QT01081164
P2Y4	Rn_P2ry4_1SG	QT00390873
P2Y6	Rn_P2ry6_1_SG	QT01083425
P2Y12	Rn_P2ry12_1_SG	QT00413287
P2Y13	Rn_RGD:1302941_1_SG	QT00407841
P2Y14	Rn_P2ry14_1_SG	QT00418327
β-actin	Forward: GTCACCAACTGGGACGATA	
	Reverse: GTCACCAACTGGGACGATA	