Table 6. Permeabilizing activity of peptide P22 on *Pseudomonas aeruginosa* wild type and its isogenic multidrug efflux pump overexpressing mutant

STRAIN	ANTIBIOTIC	Log*P* [1]	MIC (μg/mL) [2]	MIC RATIO of antibiotic at the concentration of peptide P22 (μg/mL) indicated [3]					FIC index [4]
				1,56	3,125	6,25	12,5	25	
PAO1 (wt)	CHLORAMPHENICOL	1.14	256	< 2	2	4	8	8	0,45
	FUSIDIC ACID	6.75	1024	< 2	< 2	2	8	32	0,52
	NALIDIXIC ACID	1.59	512	< 2	4	4	16	256	0,35
	AMOXICILLIN	0.87	2048	< 2	< 2	16	16	1024	0,26
	AMPICILLIN	1.35	1024	< 2	2	2	32	256	0,43
	ERYTHROMYCIN	3.06	128	< 2	2	4	8	128	0,45
	RIFAMPICIN	4.24	8	2	4	4	12	108	0,35
PAOLC1-6 (*nalB*)	CHLORAMPHENICOL	1.14	256	< 2	< 2	4	8	16	0,45
	FUSIDIC ACID	6.75	4096	< 2	< 2	< 2	32	64	0,43
	NALIDIXIC ACID	1.59	1024	< 2	< 2	4	8	64	0,45
	CEFOTAXIME	0.64	64	< 2	< 2	2	2	8	0,7
	TETRACYCLINE	-3.6	32	< 2	< 2	2	4	8	0,65
	TICARCILLIN	1	64	< 2	< 2	2	4	16	0,65

[1] Log octanol-water partition coefficient (taken from ChemIDplus Advanced; see http://chem.sis.nlm.nih.gov/chemidplus)

[2] Minimum inhibitory concentration of the antibiotic determined by a microbroth-based assay in non-cation adjusted Mueller-Hinton medium

[3] Ratio of antibiotic MICs (determined as in 2) in the absence and in the presence of peptide P22 at the indicated concentration. MIC of P22 alone= 31.25 μg/mL

[4] Fractional inhibitory concentration index (see Material and Methods section for details)