

Supporting information

Quantification of interactions between small molecules and RNA probes representative of myotonic dystrophy type 1 using affinity capillary electrophoresis and UPLC-UV

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Table S-1. Library of aqueous soluble compounds

Molecule	Concentration (mM)	Molecule	Concentration (mM)
Allantoin	1.01	Minoxidil	1.05
Buflomedil	0.99	Minocycline	1.00
Chlorobutanol	1.02	Naphazoline	1.05
Chloroquine	1.03	Néomycine	1.01
Clindamycine	1.02	Nicotinamide	0.98
Codein	1.01	Oxytetracycline	1.03
Caffeine	0.98	Phenoxymethylpenicillin	1.00
Colchicine	1.03	Procain	1.06
Diclofenac	1.04	Promethazine	1.03
Diphenhydramine	1.03	Rifampicin	1.02
Diprophylline	0.98	Tetracycline	1.02
Doxycycline	0.99	Tetracaine	1.03
Ephedrine	1.09	Theophylline	1.00
Erythromycin	1.01	Troxerutin	0.98
Hydralazine	1.02	Xylometazoline	1.00
Lidocaine	1.04	Acetylsalicylic acid	1.11
Mebeverine	1.03	Isoniazid	1.09
Metamizole	1.02	Paracetamol	1.06
Metformine	1.09	Trometamol	1.16
Metronidazole	1.05		

Table S-2. Library of aqueous insoluble compounds

Molecule	Concentration (mM)	Molecule	Concentration (mM)
Acetazolamid	0.99	Isosorbide	1.07
Allopurinol	1.00	Loperamide	0.98
Benzocaine	1.00	Mephenesin	0.99
Bromazepam	0.96	Meprobamate	1.04
Chlortalidone	1.04	Methylprednisolone	1.01
Chlorzoxazone	0.89	Sulpiride	1.11
Clozapine	1.02	Trimethoprim	1.08
Dapsone	0.99	Sulfadiazine	1.00
Furosemide	0.95	Diazepam	0.71
Indométacine	1.06		

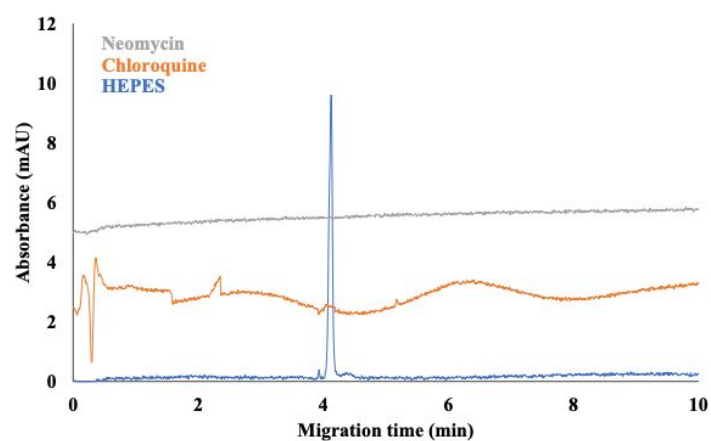


Figure S-1. Electropherograms of [CUG]₉₅ with chloroquine and neomycin at high concentrations.

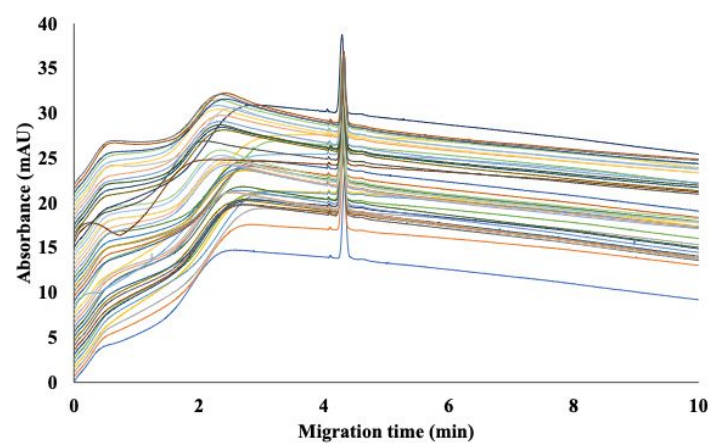


Figure S-2. Electropherograms (n=45) of [CUG]₉₅ with 1 % (v/v) of DMSO in BGE.