

Supporting information:

Combining nano-differential scanning fluorimetry and microscale thermophoresis to investigate VDAC1 interaction with small molecules

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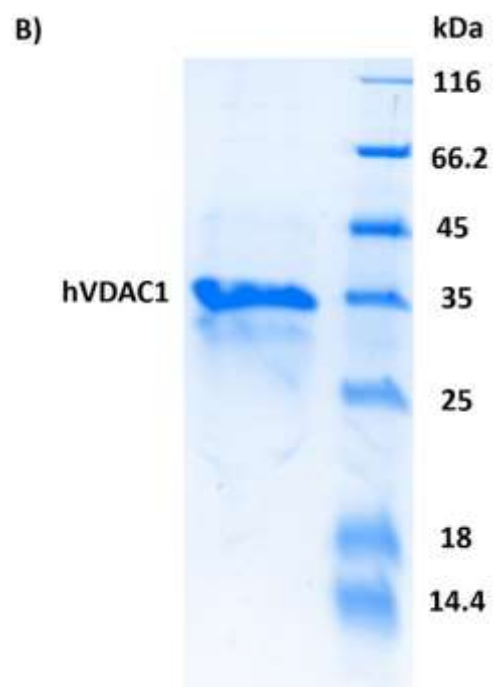


Figure S1: A) Sequence of pET21A-VDAC1 plasmid. B) 12% SDS-PAGE gel analysis of purified hVDAC1.

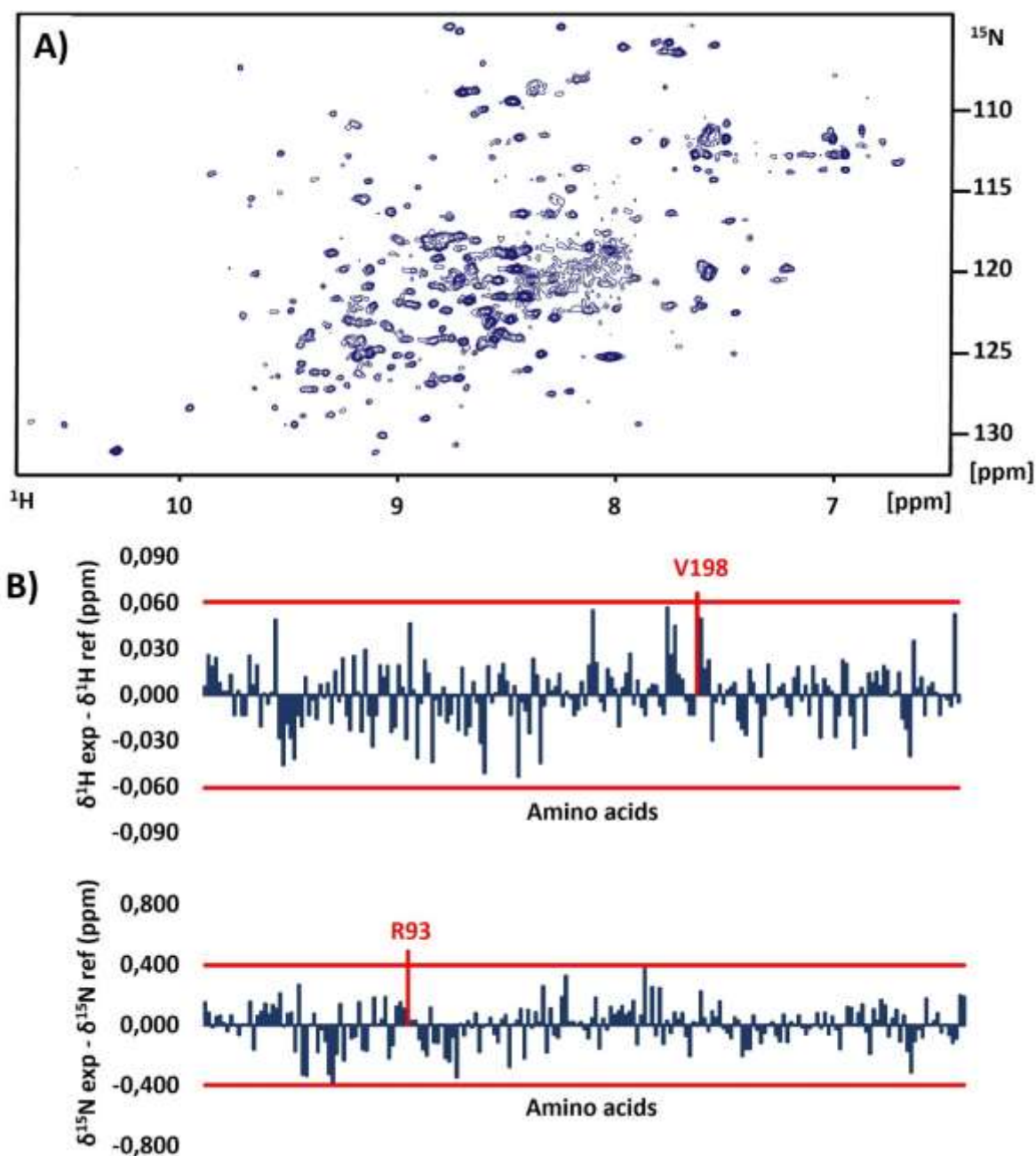


Figure S2. A) ^1H - ^{15}N TROSY HSQC spectrum of hVDAC1 obtained at 90 μM on a 900 MHz Bruker spectrometer equipped with a cryoprobe. B) Experimental ^1H chemical shifts (upper part) and ^{15}N chemical shifts (bottom part) of hVDAC1 measured in this study are compared to ^1H and ^{15}N chemical shifts of reference BMRB 34457²⁸. ± 3 times the standard deviation is indicated in red.

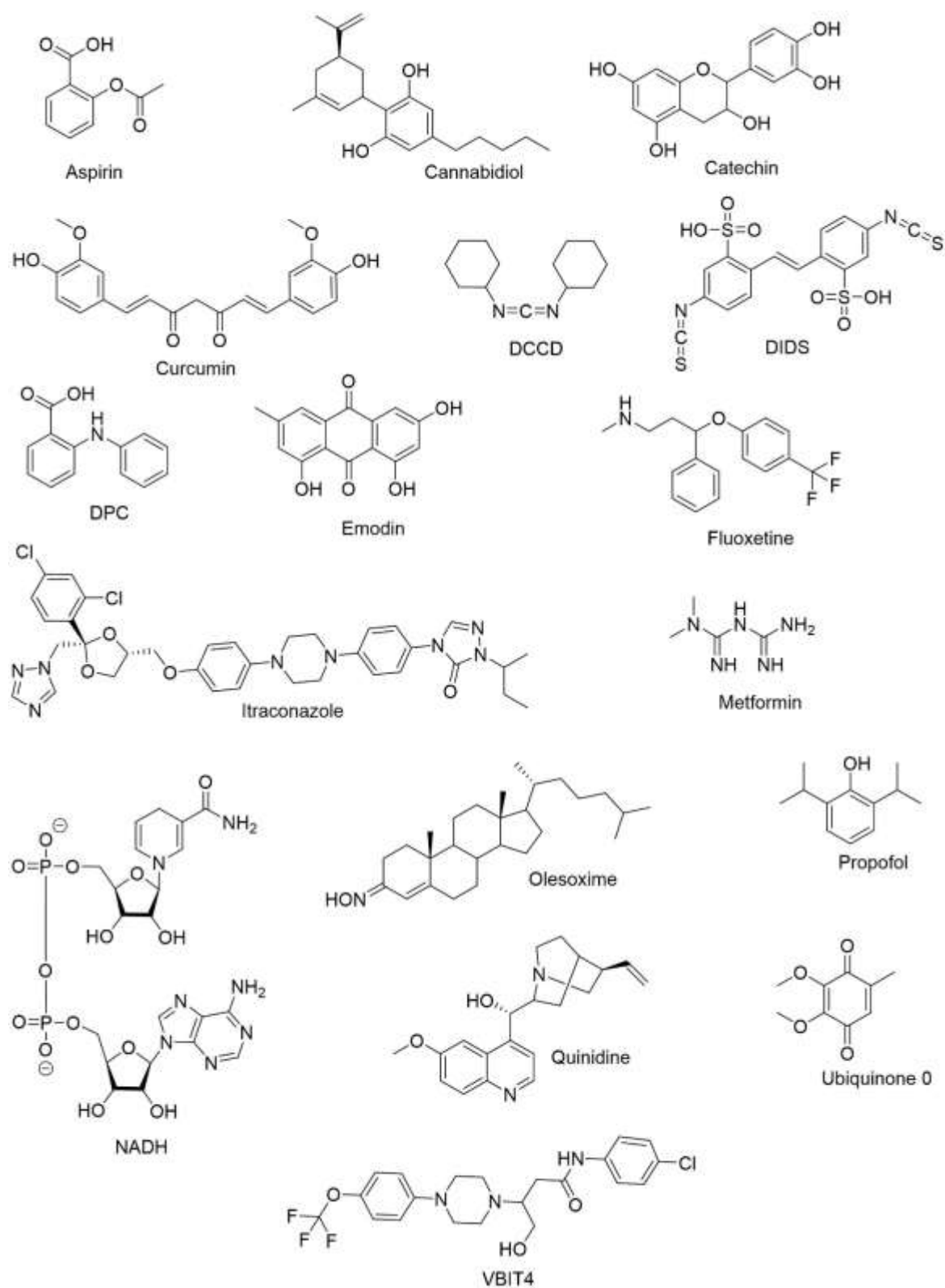


Figure S3: Chemical structures of the 17 compounds selected in the present study.