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## **Electronic Supplementary Information (ESI)**

### **Coenzyme analogs: excellent substitutes (not poor imitations) for electrochemical regeneration**

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**Table S1** Absorption maxima ( $\lambda_{\max}$ ), molar extinction coefficients ( $\epsilon$ ), and redox potentials of NAD and its analogs<sup>11</sup>

<b>NAD and its analogs</b>	<b><math>\lambda_{\max}</math><sup>a</sup> (nm)</b>	<b><math>\epsilon</math> at <math>\lambda_{\max}</math> (mM<sup>-1</sup>cm<sup>-1</sup>)</b>	<b>Redox potential (mV)</b>
NAD	338	6.22	-320
thio-NAD	395	11.30	-285
APAD	363	9.10	-258
PAAD	358	9.30	-262
NAAD	330	5.50	NA

<sup>a</sup> The reduced form.